

PPA 美国杜邦 HTN51G35HSL (全国供应) HTN51G35HSL

产品名称	PPA 美国杜邦 HTN51G35HSL (全国供应) HTN51G35HSL
公司名称	东莞市帝邦塑料有限公司
价格	.00/个
规格参数	厂家(产地):美国杜邦 牌号:HTN51G35HSL 用途级别:注塑级
公司地址	东莞市樟木头镇塑金国际19栋110
联系电话	13428455336

产品详情

DuPont Performance Polymers Zytel HTN 51G35HSL NC010 Polyphthalamide (PPA) (Unverified Data**) 物性表

密度	1.47 g/cc		
线性成型收缩率,Flow	0.0020 cm/cm		
线性成型收缩率, 横向	0.0060 cm/cm		
抗张强度(断裂值) (公制) 额定值 (英制) 测试方法	220 MPa	30500 psi	50%RH; ISO 527-1/-2
抗张强度	23.98 MPa	31900 psi	DAM; ISO 527-1/-2
	@Strain 0.560 %, Temperature 150 ° C	3478 psi	50%RH; ISO 11403-1 -2
	25.28 MPa	@Strain 0.560 %, Temperature 302 ° F	
		3667 psi	DAM; ISO 11403-1 -2
	@Strain 0.240 %, Temperature 23.0 ° C	@Strain 0.240 %, Temperature 73.4 ° F	
	26.47 MPa	3839 psi	50%RH; ISO 11403-1 -2

@Strain 0.230 %, Temperature 23.0 ° C 26.51 MPa	@Strain 0.230 %, Temperature 73.4 ° F 3845 psi	50%RH; ISO 11403-1 -2
@Strain 0.230 %, Temperature 0.000 ° C 26.73 MPa	@Strain 0.230 %, Temperature 32.0 ° F 3877 psi	DAM; ISO 11403-1 -2
@Strain 0.240 %, Temperature 40.0 ° C 27.02 MPa	@Strain 0.240 %, Temperature 104 ° F 3919 psi	50%RH; ISO 11403-1 -2
@Strain 0.230 %, Temperature -20.0 ° C 28.85 MPa	@Strain 0.230 %, Temperature -4.00 ° F 4184 psi	DAM; ISO 11403-1 -2
@Strain 0.250 %, Temperature 0.000 ° C 29.4 MPa	@Strain 0.250 %, Temperature 32.0 ° F 4260 psi	DAM; ISO 11403-1 -2
@Strain 0.240 %, Temperature -20.0 ° C 29.81 MPa	@Strain 0.240 %, Temperature -4.00 ° F 4324 psi	50%RH; ISO 11403-1 -2
@Strain 0.260 %, Temperature 40.0 ° C 31.35 MPa	@Strain 0.260 %, Temperature 104 ° F 4547 psi	DAM; ISO 11403-1 -2
@Strain 0.280 %, Temperature 90.0 ° C 33.7 MPa	@Strain 0.280 %, Temperature 194 ° F 4890 psi	50%RH; ISO 11403-1 -2
@Strain 0.360 %, Temperature 90.0 ° C 34.48 MPa	@Strain 0.360 %, Temperature 194 ° F 5001 psi	DAM; ISO 11403-1 -2
@Strain 0.730 %, Temperature 150 ° C 51.14 MPa	@Strain 0.730 %, Temperature 302 ° F 7417 psi	50%RH; ISO 11403-1 -2
@Strain 2.21 %, Temperature 150 ° C 59.63 MPa	@Strain 2.21 %, Temperature 302 ° F 8649 psi	50%RH; ISO 11403-1 -2
@Strain 3.87 %, Temperature 150 ° C 62.2 MPa	@Strain 3.87 %, Temperature 302 ° F 9020 psi	50%RH; ISO 11403-1 -2
@Strain 5.52 %, Temperature 150 ° C 63.98 MPa	@Strain 5.52 %, Temperature 302 ° F 9280 psi	DAM; ISO 11403-1 -2

@Strain 2.90 %, Temperature 150 ° C 69.22 MPa	@Strain 2.90 %, Temperature 302 ° F 10040 psi	DAM; ISO 11403-1 -2
@Strain 7.21 %, Temperature 150 ° C 70.63 MPa	@Strain 7.21 %, Temperature 302 ° F 10240 psi	DAM; ISO 11403-1 -2
@Strain 5.04 %, Temperature 150 ° C 95.73 MPa	@Strain 5.04 %, Temperature 302 ° F 13880 psi	50%RH; ISO 11403-1 -2
@Strain 1.41 %, Temperature 90.0 ° C 103.1 MPa	@Strain 1.41 %, Temperature 194 ° F 14950 psi	DAM; ISO 11403-1 -2
@Strain 0.920 %, Temperature 40.0 ° C 103.49 MPa	@Strain 0.920 %, Temperature 104 ° F 15010 psi	50%RH; ISO 11403-1 -2
@Strain 0.890 %, Temperature 0.000 ° C 105.15 MPa	@Strain 0.890 %, Temperature 32.0 ° F 15251 psi	50%RH; ISO 11403-1 -2
@Strain 0.930 %, Temperature 23.0 ° C 105.24 MPa	@Strain 0.930 %, Temperature 73.4 ° F 15264 psi	50%RH; ISO 11403-1 -2
@Strain 0.880 %, Temperature -20.0 ° C 105.24 MPa	@Strain 0.880 %, Temperature -4.00 ° F 15264 psi	DAM; ISO 11403-1 -2
@Strain 0.930 %, Temperature 23.0 ° C 110.26 MPa	@Strain 0.930 %, Temperature 73.4 ° F 15992 psi	50%RH; ISO 11403-1 -2
@Strain 1.01 %, Temperature 40.0 ° C 111.11 MPa	@Strain 1.01 %, Temperature 104 ° F 16115 psi	DAM; ISO 11403-1 -2
@Strain 1.12 %, Temperature 90.0 ° C 112.6 MPa	@Strain 1.12 %, Temperature 194 ° F 16330 psi	DAM; ISO 11403-1 -2
@Strain 0.970 %, Temperature 0.000 ° C 112.85 MPa	@Strain 0.970 %, Temperature 32.0 ° F 16368 psi	50%RH; ISO 11403-1 -2
@Strain 2.46 %, Temperature 90.0 ° C 114.7 MPa	@Strain 2.46 %, Temperature 194 ° F 16640 psi	50%RH; ISO 11403-1 -2

@Strain 3.51 %, Temperature 90.0 ° C 115.46 MPa	@Strain 3.51 %, Temperature 194 ° F 16746 psi	DAM; ISO 11403-1 -2
@Strain 0.970 %, Temperature -20.0 ° C 153.83 MPa	@Strain 0.970 %, Temperature -4.00 ° F 22311 psi	DAM; ISO 11403-1 -2
@Strain 1.97 %, Temperature 90.0 ° C 163.9 MPa	@Strain 1.97 %, Temperature 194 ° F 23770 psi	DAM; ISO 11403-1 -2
@Strain 1.61 %, Temperature 40.0 ° C 165.58 MPa	@Strain 1.61 %, Temperature 104 ° F 24015 psi	50%RH; ISO 11403-1 -2
@Strain 1.61 %, Temperature 23.0 ° C 166.29 MPa	@Strain 1.61 %, Temperature 73.4 ° F 24118 psi	50%RH; ISO 11403-1 -2
@Strain 1.54 %, Temperature 0.000 ° C 166.4 MPa	@Strain 1.54 %, Temperature 32.0 ° F 24130 psi	50%RH; ISO 11403-1 -2
@Strain 1.76 %, Temperature 40.0 ° C 167.14 MPa	@Strain 1.76 %, Temperature 104 ° F 24242 psi	DAM; ISO 11403-1 -2
@Strain 1.62 %, Temperature 23.0 ° C 169.5 MPa	@Strain 1.62 %, Temperature 73.4 ° F 24580 psi	DAM; ISO 11403-1 -2
@Strain 2.80 %, Temperature 90.0 ° C 172.39 MPa	@Strain 2.80 %, Temperature 194 ° F 25003 psi	50%RH; ISO 11403-1 -2
@Strain 1.54 %, Temperature -20.0 ° C 180.66 MPa	@Strain 1.54 %, Temperature -4.00 ° F 26203 psi	DAM; ISO 11403-1 -2
@Strain 1.69 %, Temperature 0.000 ° C	@Strain 1.69 %, Temperature 32.0 ° F	
196.3 MPa	28470 psi	50%RH; ISO 11403-1 -2

	@Strain 2.50 %, Temperature 40.0 ° C 204.62 MPa	@Strain 2.50 %, Temperature 104 ° F 29678 psi	DAM; ISO 11403-1 -2
	@Strain 2.31 %, Temperature 40.0 ° C 208.09 MPa	@Strain 2.31 %, Temperature 104 ° F 30181 psi	50%RH; ISO 11403-1 -2
	@Strain 2.31 %, Temperature 23.0 ° C 213.2 MPa	@Strain 2.31 %, Temperature 73.4 ° F 30920 psi	50%RH; ISO 11403-1 -2
	@Strain 2.20 %, Temperature 0.000 ° C 214.3 MPa	@Strain 2.20 %, Temperature 32.0 ° F 31080 psi	DAM; ISO 11403-1 -2
	@Strain 2.30 %, Temperature 23.0 ° C 224.8 MPa	@Strain 2.30 %, Temperature 73.4 ° F 32600 psi	50%RH; ISO 11403-1 -2
	@Strain 2.20 %, Temperature -20.0 ° C 226.6 MPa	@Strain 2.20 %, Temperature -4.00 ° F 32870 psi	DAM; ISO 11403-1 -2
	@Strain 2.40 %, Temperature 0.000 ° C 239.35 MPa	@Strain 2.40 %, Temperature 32.0 ° F 34715 psi	DAM; ISO 11403-1 -2
伸长率 (断裂)	@Strain 2.40 %, Temperature -20.0 ° C 2.2 % 2.4 %	@Strain 2.40 %, Temperature -4.00 ° F 2.2 % 2.4 %	50%RH; ISO 527-1/-2 DAM; ISO 527-1/-2
拉伸模量	12.0 GPa	1740 ksi	DAM; ISO 527-1/-2
弯曲模量	10.5 GPa	1520 ksi	50%RH; ISO 527-1/-2 DAM; ISO 178
剪切模量	10.5 GPa	1520 ksi	50%RH; ISO 178
	0.993 GPa	144 ksi	DAM; Dynamic; ISO 11403-1 -2
	@Temperature 150 ° C 2.3613 GPa	@Temperature 302 ° F 342.48 ksi	DAM; Dynamic; ISO 11403-1 -2
	@Temperature 110 ° C 2.48 GPa	@Temperature 230 ° F 360 ksi	DAM; Dynamic; ISO 11403-1 -2
	@Temperature 60.0 ° C 2.6424 GPa	@Temperature 140 ° F 383.25 ksi	DAM; Dynamic; ISO 11403-1 -2
	@Temperature 10.0 ° C 2.7253 GPa	@Temperature 50.0 ° F 395.28 ksi	DAM; Dynamic; ISO 11403-1 -2
	@Temperature -20.0 ° C	@Temperature -4.00 ° F	

2.91 GPa

422 ksi

@Temperature -50.0 ° C

@Temperature -58.0 ° F