

# 巴斯夫抗氧剂1010

产品名称	巴斯夫抗氧剂1010
公司名称	上海市洪超塑胶原料有限公司
价格	2.00/KG
规格参数	品牌:抗氧剂 型号:1010 产地:巴斯夫
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## 产品详情

巴斯夫 Irganox 1010 塑料添加剂

Irganox1010

Phenolic primary antioxidant for processing and long-term thermal stabilization

Characterization Irganox1010 – sterically hindered phenolic antioxidant – is a highly effective,

non-discoloring stabilizer for organic substrates such as plastics, synthetic fibers, elastomers, adhesives, waxes,

oils and fats. It protects these substrates against thermo-oxidative degradation.

Chemicalname Pentaerythritoltetrakis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate)

CASnumber 6683-19-8

Chemical formula

Molecularweight 1178g/mol

Applications Irganox 1010 can be applied in polyolefins, such as polyethylene, polypropylene,

polybutene and olefin copolymers such as ethylene-vinylacetate copolymers. Also, its use is recommended for the

processing of polymers such as polyacetals, polyamides and polyurethanes, polyesters, PVC, styrene homo- and

copolymers, ABS, elastomers such as butyl rubber (IIR),

SBS, SEBS, EPM and EPDM as well as other synthetic rubbers, adhesives, natural and synthetic tackifier resins, and other

organic substrates.

Features/benefits Irganox 1010 has good compatibility, high resistance to extraction and low

volatility. It is odorless and tasteless. The product can be used in combination with other additives such as

costabilizers (e. g. thioethers, phosphites, phosphonites), light stabilizers and other functional stabilizers. The effectiveness of the blends of Irganox 1010 with Irgafos 168 (Irganox B-blends) or with Irgafos 168 and Irgafos FS042 is particularly noteworthy.

Product forms Irganox1010 white, free-flowing powder

Irganox1010FF white, free-flowing granules

Irganox1010ED white to slightly yellowish pellets

Guidelines for use Already 0.05% – 0.1% ppm of Irganox1010 provide long-term thermal stability to the polymer.

Concentrations up to several percent may be used depending on the substrate and the requirements of the end application. In polyolefins the concentration levels for Irganox 1010 range between 0.05 % and 0.4 % depending on substrate, processing conditions and long-term thermal stability requirements. The optimum level has to be determined application specific. Concentration levels of Irganox 1010 in hot melt adhesives range from 0.2 % to 1 %, in synthetic tackifier resins, Irganox 1010 concentration ranges between 0.1 % and 0.5 %. Extensive performance data of Irganox 1010 in various organic polymers and applications are available upon request.

Physical Properties Melting range: 110 – 125 ° C Flashpoint: 297 ° C

Density(20 ° C): 1.116g/ml

Vapor pressure(20 ° C): 7 E-10 Pa(extrapolated)

Bulk density:

Powder: 530 – 630g/l