

Technical Information



ARISE 1010

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Chemical Name:

Pentaerythritol tetrakis-[3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate]

Molecular formula: C₇₃H₁₀₈O₁₂

CAS NO. : 6683-19-8

Brief Introduction:

ARIES 1010 can be applied in polyolefins, such as polyethylene, polypropylene, polybutene and olefin copolymers such as EVA copolymers. Also, its use is recommended in other polymers such as POM, PA, PUR, polyesters, PVC, styrene homo- and copolymers, ABS, elastomers such as IIR, SBS, SEBS, EPM and EPDM as well as other synthetic rubbers, adhesives, natural and synthetic tackifier resins, and other organic substrates.

Performance Properties:

Appearance	White to off-white powder
Melting Range	110.0-125.0°C
Volatiles	≤0.50%
Ash	≤0.10%
Transmittance:	
@425nm	≥97.0%
@500nm	≥98.0%
Assay(HPLC)	≥98.0%

Packing, Storing, Transporting:

20Kg bags, handle with care, keep air-tight and dry.