SCLAIR® 2607

High Density Polyethylene

NOVA Chemicals

Message:

SCLAIR® 2607 is a High Density Polyethylene material. It is available in North America for injection molding. Important attributes of SCLAIR® 2607 are:

Antioxidant

Food Contact Acceptable

Good Stiffness

Impact Resistant

Warp Resistant

Typical application of SCLAIR® 2607: Food Contact Applications

Additive Antioxidant Features Antioxidant Features Antioxidant Food Contact Acceptable Good Impact Resistance Good Stiffness High Density Low Warpage Agency Ratings FDA 21 CFR 177.1520(c) 3.2a Forms Pellets Processing Method Injection Molding Physical Nominal Value Unit Test Method Specific Gravity 0.947 g/cm² ASTM D792 Melt Mass-Flow Rate (MFR) (190°C/2.16* kg) Hardness Nominal Value Unit Test Method Durometer Hardness (Shore D) 65 J ASTM D1238 Mechanical Nominal Value Unit Test Method Tensile Strength ¹ (Yield) 2.2.0 MPa ASTM D638 Tensile Elongation ² (Break) 1000 % ASTM D638 Tensile Elongation ² (Break) 1000 % ASTM D638 Flexural Modulus 860 MPa ASTM D638 Flexural Modulus 122 °C ASTM D1525 NOTE NOTE NOTE 1. 50 mm/min	General Information			
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NOTE 1. 50 mm/min	Thermal	Nominal Value	Unit	Test Method
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	2.	50 mm/min		

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533 Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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