Technical Data Sheet

Schulink XL 350-L01G NATURAL

Polyethylene, Crosslinked

Product Description

Schulink XL 350-L01G NATURAL is a Polyethylene, Crosslinked material and is typically used in Rotational Molding applications. Features include: UV Stabilized.

Regulatory Status

For regulatory compliance information, see *Schulink* XL 350-L01G NATURAL Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Pending Approval
Availability	North America
Processing Method	Rotomolding
Attribute	UV Stabilized
Forms	Pellets; Powder
Appearance	Black; Natural Color
Application	Agricultural; Automotive Under the Hood; High Temperature Applications; Lawn & Garden Equipment; Tanks

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	0.942	g/cm³	ASTM D792
Mechanical			
Tensile Strength at Yield, (51 mm/min, Rotational Molded)	19.3	MPa	ASTM D638
Environmental Stress Crack Resistance			
(Compression Molded, F50, 100% Igepal)	>1000	hr	ASTM D1693
(Compression Molded, F50, 10% Igepal)	1000	hr	ASTM D1693
Flexural Modulus, (Rotational Molded, 1% Secant)	703	MPa	ASTM D790
Tensile Elongation at Break, (51 mm/min, Rotational Molded)	350	%	ASTM D638
Impact			
Impact Strength			
(-40 °C, 3.18 mm, Rotational Molded)	83	J	ARM
(-40 °C, 6.35 mm, Rotational Molded)	>251	J	ARM
Thermal			
Deflection Temperature Under Load Unannealed (264 psi), (Rotational Molded)	36.4	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi), (Rotational Molded)	63.0	°C	ASTM D648

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit http://www.lyb.com/.

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