

LGSTRENE LGS 5Z11

High Impact Polystyrene

LG Polymers India Pvt. Ltd.

Message:

LGSTRENE LGS 5Z11 is a High Impact Polystyrene material. It is available in Asia Pacific.

Important attributes of LGSTRENE LGS 5Z11 are:

Flame Rated

Flame Retardant

General Information			
Features	Flame Retardant		
UL File Number	E191480		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.16	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	5.5	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40 to 0.80	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	93		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	22.6	MPa	ASTM D638
Tensile Elongation (Break)	55	%	ASTM D638
Flexural Modulus	1810	MPa	ASTM D790
Flexural Strength	32.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (6.35 mm)	78	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	78.0	°C	ASTM D648
Vicat Softening Temperature	96.0	°C	ASTM D1525
Flammability	Nominal Value		Test Method
Flame Rating (1.5)	V-2		UL 94

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Recommended distributors for this material

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

