

LG PS 15NF

General Purpose Polystyrene

LG Chem Ltd.

Message:

LG PS 15NF is a General Purpose Polystyrene material. It is available in Asia Pacific, Europe, Latin America, or North America. Primary attribute of LG PS 15NF: Flame Rated.

General Information			
UL YellowCard	E67171-100165830		
Features	General Purpose		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	10	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)	119		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	43.4	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	3090	MPa	ASTM D790
Flexural Strength (Yield)	83.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
23°C, 3.18 mm	16	J/m	
23°C, 6.35 mm	11	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	78.9	°C	ASTM D648
Vicat Softening Temperature	97.8	°C	ASTM D1525
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.59 mm	HB		
3.18 mm	HB		

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Recommended distributors for this material

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