Moplen EP339R

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

Basell Australia's Polypropylene grade Moplen EP339R is a high flow impact copolymer with a modified molecular weight distribution and is formulated with a general-purpose additive package. Moplen EP339R contains nucleation additives. Moplen EP339R is designed for injection moulding applications requiring good mould filling, and a good impact/rigidity balance.

General Information			
Additive	Nucleating Agent		
Features	Food Contact Acceptable Good Impact Resistance Good Moldability High Flow Impact Copolymer Nucleated		
Uses	Industrial Applications		
Agency Ratings	AS 2070-1999 FDA 21 CFR 176.170(c), Table 2, Cond. C FDA 21 CFR 176.170(c), Table 2, Cond. D FDA 21 CFR 176.170(c), Table 2, Cond. E FDA 21 CFR 176.170(c), Table 2, Cond. F FDA 21 CFR 176.170(c), Table 2, Cond. G FDA 21 CFR 176.170(c), Table 2, Cond. H FDA 21 CFR 177.1520(a) 3 (i) FDA 21 CFR 177.1520(c) 3.1a		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.900	g/cm³	ISO 1183/D
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	22	g/10 min	ISO 1133
Hardness	**Nominal Value**	**Unit**	**Test Method**
Shore Hardness (Shore D)	71		ISO 868
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield)	22.0	MPa	ISO 527-2
Flexural Modulus	1050	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact Strength			ISO 180/1A

-20°C	2.0	kJ/m²	
0°C	3.0	kJ/m²	
23°C	5.0	kJ/m²	
Falling Weight Impact Strength (-40°C)	7.00	J	BS 2782 306B

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	70.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	45.0	°C	ISO 75-2/A
Vicat Softening Temperature	145	°C	ISO 306/A

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