Hostacom M2 R03/2 105558

Polypropylene Copolymer

LyondellBasell Industries

Message:

"Hostacom" X M2 R03/2 is a 20% mineral filled, impact modified polypropylene copolymer for injection molding. It combines excellent stiffness/impact balance, good scratch resistance, and good dimensional stability with the ability to be laser-scored for invisible airbag applications.
The grade has been specifically designed for molding of automotive instrument panel parts.
The grade is available in color-matched, pellet form.

General Information			
Features	Copolymer Good Dimensional Stability High Impact Resistance Scratch Resistant		
Uses	Automotive Applications Automotive Instrument Panel		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.05	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.8	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	7.00	cm³/10min	ISO 1133
Molding Shrinkage	0.80 to 1.0	%	ISO 294-4
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus - Secant	1800	MPa	ISO 527-2/1
Tensile Stress (Yield)	21.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	5.0	%	ISO 527-2/50
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	4.5	kJ/m²	
23°C	35	kJ/m²	
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (1.8 MPa, Unannealed)	55.0	°C	ISO 75-2/A
Vicat Softening Temperature	57.0	°C	ISO 306/B50

Recommended distributors for this material

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