

EMOPLLEN® CP-R 47.70

Polypropylene Copolymer

EMAS Plastik San.Tic.AS.

Message:

Polypropylene copolymer

General Information			
Features	Copolymer		
Uses	Automotive Applications		
Physical	Nominal Value	Unit	Test Method
Density	0.900 to 0.940	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0 to 16	g/10 min	ISO 1133
Molding Shrinkage	1.3 to 1.6	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	60 to 65		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1200 to 2000	MPa	ISO 527-2
Tensile Stress (Yield)	> 20.0	MPa	ISO 527-2
Tensile Strain (Break)	> 8.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	> 6.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	85.0	°C	ISO 75-2/A
Vicat Softening Temperature	90.0	°C	ISO 306/B
Melting Temperature (DSC)	160	°C	ISO 3146

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