

EMOPLLEN® CP FR V0

Polypropylene Copolymer

EMAS Plastik San.Tic.AS.

Message:

Polypropylene copolymer V0 flammability

General Information			
Physical	Nominal Value	Unit	Test Method
Density	1.07 - 1.12	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0 - 20	g/10 min	ISO 1133
Molding Shrinkage	1.3 - 1.6	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	60 - 65		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2500 - 3500	MPa	ISO 527-2
Tensile Stress (Yield)	> 20.0	MPa	ISO 527-2
Tensile Strain (Break)	> 20	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	> 6.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	90.0	°C	ISO 75-2/A
Vicat Softening Temperature	90.0	°C	ISO 306/B
Melting Temperature (DSC)	160	°C	ISO 3146
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Glow Wire Ignition Temperature	960	°C	VDE 0471/2

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