

EMOPLen CP-R 47.70

PP

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Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	12.5	g/10min	ISO 1133
Molding shrinkage, parallel	1.4	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1600	MPa	ISO 527
Tensile Strength	20	MPa	ISO 527
Strain at break	8	%	ISO 527
Izod notched impact strength, +23°C	6	kJ/m ²	ISO 180/1A
Shore D hardness	63	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	160	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	85	°C	ISO 75-1/-2
Vicat softening temperature, B	90	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	920	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding, Other Extrusion

Regional Availability

Europe, Near East/Africa

Features

Copolymer