

TIPPLEN R 785

PP

MOL Petrochemicals Co. Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	0.5	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1000	MPa	ISO 527
Yield stress	30	MPa	ISO 527
Yield strain	12	%	ISO 527
Flexural modulus, 23°C	1100	MPa	ISO 178
Izod notched impact strength, +23°C	23	kJ/m ²	ISO 180/1A
Rockwell hardness	R 78	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	82	°C	ISO 75-1/-2

Processing Recommendation Extrusion	Value	Unit	Test Standard
Melt temperature	185 - 230	°C	-

Characteristics**Processing**

Pipe/Tube Extrusion, Profile Extrusion, Sheet Extrusion, Thermoforming

Delivery form

Pellets

Features

Copolymer, Random Copolymer

Certifications

Food contact, Food approval 1935/2004/EC, Food approval 10/2011, Food approval FDA 21 CFR, RoHS compliant

Applications

Electrical and Electronical

Regional Availability

Europe