

TIPPLEN R 780

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			
ISO Data			
Tensile Modulus	950	MPa	ISO 527
Yield stress	30	MPa	ISO 527
Yield strain	12	%	ISO 527
Flexural modulus, 23°C	1050	MPa	ISO 178
Izod notched impact strength, +23°C	18	kJ/m ²	ISO 180/1A
Rockwell hardness	R 75	-	ISO 2039-2
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	95	°C	ISO 75-1/-2
Optical properties			
ISO Data			
Haze	20	-	ISO 14782
Processing Recommendation Extrusion			
Melt temperature	185 - 230	°C	-

Characteristics**Processing**

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

Delivery form

Pellets

Features

Foamable, Copolymer, Random Copolymer

Certifications

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

Applications

Automotive, Electrical and Electronical

Regional Availability

Europe