

TIPPLEN K 693

PP

MOL Petrochemicals Co. Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	2	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1300	MPa	ISO 527
Yield stress	29	MPa	ISO 527
Yield strain	7	%	ISO 527
Flexural modulus, 23°C	1400	MPa	ISO 178
Izod notched impact strength, +23°C	20	kJ/m ²	ISO 180/1A
Izod notched impact strength	6	kJ/m ²	ISO 180/1A
Temperature	-20	°C	-
Rockwell hardness	R 79	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	115	°C	ISO 75-1/-2

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	190 - 240	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Melt temperature	190 - 240	°C	-

Characteristics**Processing**

Injection Molding, Other Extrusion, Blow Molding

Delivery form

Pellets

Features

Copolymer, Impact Copolymer

Certifications

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

Applications

Electrical and Electronical, Packaging

Regional Availability

Europe