

TIPPLEN K 499

PP

MOL Petrochemicals Co. Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	6.5	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	1250	MPa	ISO 527
Yield stress	28	MPa	ISO 527
Yield strain	6	%	ISO 527
Flexural modulus, 23°C	1300	MPa	ISO 178
Izod notched impact strength, +23°C	21	kJ/m ²	ISO 180/1A
Izod notched impact strength	6	kJ/m ²	ISO 180/1A
Temperature	-20	°C	-
Rockwell hardness	R 83	-	ISO 2039-2
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	107	°C	ISO 75-1/-2
Processing Recommendation Injection Molding			
Melt temperature	190 - 240	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Special Characteristics

High impact or impact modified

Features

Copolymer, Impact Copolymer

Certifications

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

Applications

Automotive, Electrical and Electronical

Regional Availability

Europe