

TATREN IM 25 75

PP

MOL Petrochemicals Co. Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	25	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1150	MPa	ISO 527
Yield stress	20	MPa	ISO 527
Yield strain	6	%	ISO 527
Flexural modulus, 23°C	1100	MPa	ISO 178
Izod notched impact strength, +23°C	40	kJ/m ²	ISO 180/1A
Izod notched impact strength	6	kJ/m ²	ISO 180/1A
Temperature	-20	°C	-
Rockwell hardness	R 52	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	80	°C	ISO 75-1/-2

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	190 - 250	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Special Characteristics

Anti-static, High impact or impact modified

Features

Nucleated, Copolymer, Impact Copolymer

Certifications

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

Applications

Automotive, Medical, Packaging, Toys

Regional Availability

Europe