

TATREN RM 45 55 CLEAR

PP

MOL Petrochemicals Co. Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	45	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1250	MPa	ISO 527
Yield stress	29	MPa	ISO 527
Yield strain	12	%	ISO 527
Flexural modulus, 23°C	1200	MPa	ISO 178
Izod notched impact strength, +23°C	4	kJ/m ²	ISO 180/1A
Rockwell hardness	R 87	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	71	°C	ISO 75-1/-2

Optical properties	Value	Unit	Test Standard
ISO Data			
Haze	8	-	ISO 14782

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	190 - 230	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Special Characteristics

Anti-static, Transparent

Features

High Gloss, Copolymer, Random Copolymer

Certifications

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

Applications

Packaging

Regional Availability

Europe