

TIPPLEN H 681 F

PP

MOL Petrochemicals Co. Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	1.7	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1550	MPa	ISO 527
Yield stress	36	MPa	ISO 527
Yield strain	10	%	ISO 527
Flexural modulus, 23°C	1650	MPa	ISO 178
Izod notched impact strength, +23°C	7	kJ/m ²	ISO 180/1A
Rockwell hardness	R 96	-	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 - 245	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Melt temperature	190 - 245	°C	-

Characteristics**Processing**

Injection Molding, Blown Film Extrusion, Film Extrusion, Sheet Extrusion, Blow Molding, Thermoforming

Delivery form

Pellets

Features

Homopolymer

Certifications

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

Applications

Electrical and Electronical, Packaging

Regional Availability

Europe