TIPPLEN® H 659 F

Polypropylene Homopolymer

MOL Petrochemicals Co. Ltd.

Message:

TIPPLEN H 659 F is a homopolymer polypropylene with medium molecular weight and excellent mechanical properties for extrusion. This grade includes nucleating agent, so it has excellent optical properties and very high modulus values. This grade does not contain antiblocking and slip agent.
TIPPLEN H 659 F is recommended for extrusion of sheets for thermoforming household articles, blow moulded bottles, packaging for diary products, fruit-trays, biscuits, chocolates etc. Due to outstanding heat deflection stability (HDT), this grade is exquisitely applicable for food packaging, which are filled hot.
TIPPLEN H 659 F is suitable for food contact. The product complies with Food Contact Regulations.

General Information	
Additive	Nucleating Agent
Features	Food Contact Acceptable Homopolymer Medium Molecular Weight Nucleated Opticals
Uses	Bottles Cups Food Packaging Household Goods Sheet
Forms	Pellets
Processing Method	Blow Molding Extrusion Injection Molding Thermoforming

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.7	g/10 min	ISO 1133
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	102		ISO 2039-2
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus (Injection Molded)	1900	MPa	ISO 527-2
Tensile Stress (Yield, Injection Molded)	40.0	MPa	ISO 527-2
Tensile Strain (Yield, Injection Molded)	8.0	%	ISO 527-2
Flexural Modulus (Injection Molded)	2000	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**

Notched Izod Impact Strength (23°C, Injection Molded)	6.5	kJ/m²	ISO 180/A
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (0.45 MPa, Unannealed)	120	°C	ISO 75-2/B
Injection	**Nominal Value**	**Unit**	
Processing (Melt) Temp	190 to 245	°C	
Extrusion	**Nominal Value**	**Unit**	
Melt Temperature	190 to 245	°C	

Recommended distributors for this material

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