

TIPPLEN® H 483 F

Polypropylene Homopolymer
MOL Petrochemicals Co. Ltd.

Message:

TIPPLEN H 483 F is a homopolymer polypropylene with medium molecular weight, good mechanical properties and outstanding processability. TIPPLEN H 483 F is recommended for split film yarns for ropes and twines, monofilaments. Film yarns are used e.g. in brush, broom filling and technical applications. This grade is also recommended for cast films and sheets, furthermore for injection moulded products (such as caps, household articles, packaging materials). TIPPLEN H 483 F is suitable for food contact. The product complies with Food Contact Regulations.

General Information	
Features	Food Contact Acceptable
	Good Processability
	Homopolymer
	Medium Molecular Weight
	Recyclable Material
Uses	BCF Yarn
	Caps
	Fibers
	Film
	Household Goods
	Monofilaments
	Packaging
	Rope
	Sheet
	Twine
Forms	Pellets
Processing Method	Cast Film
	Extrusion
	Injection Molding
	Sheet Extrusion

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.5	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	98		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (Injection Molded)	1600	MPa	ISO 527-2
Tensile Stress (Yield, Injection Molded)	34.5	MPa	ISO 527-2

Tensile Strain (Yield, Injection Molded)	10	%	ISO 527-2
Flexural Modulus (Injection Molded)	1700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C, Injection Molded)	4.0	kJ/m ²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	94.0	°C	ISO 75-2/B
Injection	Nominal Value	Unit	
Processing (Melt) Temp	190 to 240	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	190 to 240	°C	

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Recommended distributors for this material

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