TIPELIN® H 880

Polypropylene Homopolymer

MOL Petrochemicals Co. Ltd.

Message:

TIPELIN H 880 is a homopolymer polypropylene with high molecular weight, outstanding mechanical properties and excellent long-term heat stability for extrusion. TIPPLEN H 880 offers very good weldability.

TIPPLEN H 880 is recommended for extrusion of thick heavy sheets for industrial applications, thin sheets for thermoforming, straps, profiles and pipes. TIPPLEN H 880 is suitable for food contact. The product complies with Food Contact Regulations.

General Information			
Features	High molecular weight		
	Homopolymer		
	Weldable		
	Compliance of Food Exposure		
Uses	Industrial application		
	Piping system		
	Belt material		
	Sheet		
	Profile		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Processing Method	Extrusion		
	Sheet extrusion molding		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16			
kg)	0.30	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	93		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1550	MPa	ISO 527-2
Tensile Stress (Yield)	38.0	MPa	ISO 527-2
Tensile Strain (Yield)	11	%	ISO 527-2
Flexural Modulus	1950	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	10	kJ/m²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa,	112	·	
Unannealed)	113	`C	ISU / 5-2/B

Oxidation Induction Time (210°C)	30	min	EN 728
Extrusion	Nominal Value	Unit	
Melt Temperature	200 - 255	°C	

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Recommended distributors for this material

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