

Teldene® H08CFM

Polypropylene Homopolymer
National Petrochemical Industries Company (NATPET)

Message:

- Typical Applications
- Transparent cast film
- Used for shopping bags production
- Engaged for packing film of snacks, pasta, bakery items, books, blankets, hosiery, shirts, lamination, automotive compounding, etc.
- Key Characteristics
- High transparency
- High gloss and good printability after corona treatment
- No slip or anti-blocking agents
- Metallizable, calcium stearate free
- Food contact approval for specific applications (refer to NATPET)

General Information			
Features	Good Printability		
	Electroplating		
	Highlight		
	Homopolymer		
	Definition, high		
	Compliance of Food Exposure		
Uses	Packaging		
	Films		
	Bags		
	cast film		
	Application in Automobile Field		
Appearance	Clear/transparent		
Processing Method	Co-extrusion molding		
	Extrusion		
	cast film		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.900	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1500	MPa	ISO 527-2/1
Tensile Stress			ISO 527-2/50
Yield	34.0	MPa	ISO 527-2/50
Fracture	23.0	MPa	ISO 527-2/50

Tensile Strain			ISO 527-2/50
Yield	13	%	ISO 527-2/50
Fracture	650	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	4.6	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	90.0	°C	ISO 75-2/B
Vicat Softening Temperature	154	°C	ISO 306/A50
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 100 µm)	88		ASTM D2457
Haze (100 µm)	< 1.0	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	240 - 260	°C	

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