

Trilene® HF8.0CM

Polypropylene Homopolymer

Chandra Asri Petrochemical

Message:

Trilene HF8.0CM is a polypropylene homopolymer for production of cast film, including film to be metallized.
This grade uses Unipol® polypropylene technology with the latest catalyst technology.

General Information			
Features	Good Processability		
	High Clarity		
	High Strength		
	Homopolymer		
	Metallizable		
Uses	Cast Film		
Agency Ratings	FDA 21 CFR 177.1520(c) 1.1		
Forms	Pellets		
Processing Method	Cast Film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.903	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	102		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	35.0	MPa	ASTM D638
Tensile Elongation (Yield)	13	%	ASTM D638
Flexural Modulus - 1% Secant ²	1280	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	30	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	104	°C	ASTM D648
Vicat Softening Temperature	152	°C	ASTM D1525 ³
Peak Melting Temperature ⁴	163	°C	ASTM D3418
Extrusion	Nominal Value	Unit	
Melt Temperature	240 to 260	°C	
Take-Off Roll	30.0	°C	
NOTE			
1.	50 mm/min		
2.	1.3 mm/min		

3.	Rate B (120°C/h)
4.	10°C/min, 2nd heat

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