

Hanwha Total PE 620L

Low Density Polyethylene
HANWHA TOTAL PETROCHEMICALS Co., Ltd.

Message:
620L is a low-density polyethylene resin for extrusion coating applications. This grade is designed for conventional t-die extrusion coating process.

General Information			
Features	Barrier Resin		
	Good Adhesion		
	Low Density		
	Low Neck-In		
	Opticals		
Uses	Coating Applications		
	Foil Coatings		
	Paper Coatings		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Extrusion Coating		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	12.7	MPa	
Break	12.7	MPa	
Tensile Elongation (Break)	500	%	ASTM D638
Flexural Modulus	206	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-70.0	°C	ASTM D746
Vicat Softening Temperature	87.0	°C	ASTM D1525 ¹
Melting Temperature	110	°C	
Extrusion	Nominal Value	Unit	
Hopper Temperature	23.0	°C	
Cylinder Zone 1 Temp.	250 to 330	°C	
Cylinder Zone 2 Temp.	250 to 330	°C	

Cylinder Zone 3 Temp.	250 to 330	°C
Cylinder Zone 4 Temp.	250 to 330	°C
Cylinder Zone 5 Temp.	250 to 330	°C
Adapter Temperature	270 to 350	°C
Die Temperature	270 to 350	°C

NOTE

1. Loading 1 (10 N)

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Recommended distributors for this material

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