Hanwha Total PE 620A

Low Density Polyethylene

HANWHA TOTAL PETROCHEMICALS Co., Ltd.

Message:

620A is a low-density polyethylene resin for non-crosslinked foam sheet applications. This grade is for conventional extrusion and foaming process.

General Information			
Features	Foamable		
	Good Processability		
	Low Density		
	Low Gel		
Uses	Foam		
	Sheet		
Forms	Pellets		
Processing Method	Extrusion		
	Foam Processing		

Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm^3	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	12.7	MPa	ASTM D638
Tensile Elongation (Break)	680	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-70.0	°C	ASTM D746
Vicat Softening Temperature	87.0	°C	ASTM D1525 [1]
Melting Temperature	109	°C	
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	190 to 210	°C	
Cylinder Zone 2 Temp.	190 to 210	°C	
Cylinder Zone 3 Temp.	120 to 150	°C	
Cylinder Zone 4 Temp.	120 to 150	°C	
Die Temperature	105 to 110	°C	
NOTE			
1.	Loading 1 (10 N)		