

Hanwha Total PE 410G

Low Density Polyethylene
HANWHA TOTAL PETROCHEMICALS Co., Ltd.

Message:
410G is a low-density polyethylene resin for crosslinked foam sheet applications. This grade is designed for conventional extrusion and foaming process.

General Information			
Features	Low density		
	Workability, good		
	Crosslinkable		
Uses	Foam		
	Sheet		
	Car interior parts		
	Car interior equipment		
	Shrinkable film		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.1	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	14.7	MPa	ASTM D638
Tensile Elongation (Break)	740	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-70.0	°C	ASTM D746
Vicat Softening Temperature	89.0	°C	ASTM D1525 ¹
Melting Temperature	110	°C	
Additional Information			
Kneader Temperature: 110 to 130 °C Die Temperature: 110 to 150 °C Crosslinked part Temperature: 140 to 170 °C Foaming Temperature: 200 to 230 °C			
NOTE			
1.	压力1 (10N)		

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