

Hanwha Total PE 610A

Low Density Polyethylene

HANWHA TOTAL PETROCHEMICALS Co., Ltd.

Message:

610A 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 General Purpose Good Processability Low Density Low Gel		
Uses	Foam General Purpose Packaging 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)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	11.8	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			

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

