

ETILINAS HD4202AA

High Density Polyethylene
POLYETHYLENE MALAYSIA SDN BHD

Message:

ETILINAS HD4202AA is a natural high molecular weight polyethylene designed specifically for extrusion of tough strong ducting used to protect all types of cable. It is based on a special high density copolymer with high resistance to environmental stress cracking and abrasion.

General Information			
Features	High ESCR (Stress Cracking Resistance)		
	High molecular weight		
	Copolymer		
	Good wear resistance		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.941	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR)			ISO 1133
190°C/2.16 kg	0.22	g/10 min	ISO 1133
190°C/5.0 kg	0.85	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (F0)	1000	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	22.0	MPa	ISO 527-2/2
Tensile Strain (Break)	600	%	ISO 527-2/2
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-70.0	°C	ASTM D746
Vicat Softening Temperature	120	°C	ISO 306/A
Additional Information			
Density, ISO 1872/1, Annealed: 943 kg/m ³			
Extrusion	Nominal Value	Unit	
Melt Temperature	200 - 230	°C	
Extrusion instructions			
Suggested Screen Pack: 40/80 Mesh			

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

