

# ETILINAS HD4002AA

High Density Polyethylene  
POLYETHYLENE MALAYSIA SDN BHD

Message:

ETILINAS HD4002AA is a natural polyethylene grade with excellent environmental stress crack resistance and designed primarily for the extrusion of tough, strong ducting used to protect all types of cable.

ETILINAS HD4002AA is a high density copolymer grade supplied in pellet form.

General Information			
Features	High ESCR (Stress Cracking Resistance)		
	Copolymer		
Uses	Wire and cable applications		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	0.939	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	0.66	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (F0)	1000	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	20.0	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
Additional Information			
Density, ISO 1872/1, Annealed: 941 kg/m <sup>3</sup>			
Extrusion	Nominal Value	Unit	
Melt Temperature	200 - 230	°C	
Extrusion instructions			

Suggested Screen Pack: 40/80 Mesh

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## Recommended distributors for this material

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