

ETILINAS HD5739UB

High Density Polyethylene
POLYETHYLENE MALAYSIA SDN BHD

Message:

ETILINAS HD5739UB is an ultra-violet (UV) light stabilised high density polyethylene copolymer grade with a narrow molecular weight distribution, specially developed for injection moulding of heavy duty articles.

Characteristics include: high rigidity, extremely high weathering resistance, and high impact resistance, especially at low temperatures.

Applications include: large dustbins, pallet boxes, pallets, and technical parts.

General Information			
Additive	UV stabilizer		
Features	Rigidity, high		
	Copolymer		
	Impact resistance, high		
	Low temperature impact resistance		
	Good weather resistance		
	Narrow molecular weight distribution		
Uses	Engineering accessories		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.9	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	66		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	28.0	MPa	ISO 527-2/2
Tensile Strain (Break)	200	%	ISO 527-2/2
Flexural Modulus	1100	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	125	°C	ISO 306/A
Melting Temperature (DSC)	132	°C	ISO 3146
Thermal Conductivity	0.48	W/m/K	ASTM C177
Additional Information			

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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

