

PCC HD 5740 UA

High Density Polyethylene
PCC Plastics & Consultations Center

Message:

HD 5740 UA is a high density polyethylene copolymer grade with a narrow molecular weight distribution, specifically developed for injection moulding of heavy duty articles.

Characteristics:

- Easy Processing
- Good Impact Strength
- High Rigidity
- High Warpage Resistance

Applications:

- Large dustbins
- Fish crates
- Pallets
- General Purpose heavy duty articles

General Information			
Additive	UV Stabilizer		
Features	General Purpose		
	Good Impact Resistance		
	Good Processability		
	Good UV Resistance		
	High Density		
	High Rigidity		
	Narrow Molecular Weight Distribution		
	Warp Resistant		
Uses	Crates		
	General Purpose		
	Pallets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.957	g/cm ³	ISO 1872-1
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (23°C, F50)	> 50.0	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress ¹ (Yield)	27.0	MPa	Internal Method
Tensile Strain ² (Break)	> 1000	%	Internal Method
Flexural Modulus	1250	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method


Charpy Unnotched Impact Strength	10	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	125	°C	ISO 306
NOTE			
1.	BP 13B/1		
2.	BP 13B/1		

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



WECHAT