

# Rigidex® HD6070EA

High Density Polyethylene

INEOS Olefins & Polymers Europe

## Message:

Rigidex® HD6070EA is a high density density polyethylene with a narrow molecular weight distribution, suitable for a wide range of injection and compression moulding applications.

General Information			
Features	Rigidity, high		
	Copolymer		
	Bending resistance		
	Impact resistance, good		
	Workability, good		
	Narrow molecular weight distribution		
Uses	Structural Foam		
	Engineering accessories		
	Shield		
	Shell		
	Printing machine parts		
	Loading box		
Seat			
RoHS Compliance	Contact manufacturer		
Forms	Particle		
Processing Method	Compression molding		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.6	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (23°C)	60.0	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1500	MPa	ISO 527-2/1B
Tensile Stress (Yield)	31.0	MPa	ISO 527-2/1B
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	kJ/m²	ISO 179
Additional Information			

The value listed as Density ISO 1183, was tested in accordance with ISO 1872.

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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

