

# Rigidex® HD5226EA

High Density Polyethylene Copolymer

INEOS Olefins & Polymers Europe

Message:

Rigidex® HD5226EA is a high density polyethylene copolymer with a narrow molecular weight distribution, suitable for thin wall injection moulding and fast cycling applications.

Typical applications

Caps & closures - non beverages

Beverage over-caps

Thin-walled containers

Caps & closures for the packaging of medical and pharmaceutical applications

Benefits and Features

High flow

Low warpage

Slip agent free grade

General Information			
Features	Copolymer		
	Fast Molding Cycle		
	High Density		
	High Flow		
	Narrow Molecular Weight Distribution		
	Warp Resistant		
Uses	Caps		
	Closures		
	Medical Packaging		
	Pharmaceutical Packaging		
	Thin-walled Containers		
RoHS Compliance	Contact Manufacturer		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.953	g/cm <sup>3</sup>	ISO 1872
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	26	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (23°C)	8.00	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1150	MPa	ISO 527-2/1B
Tensile Stress (Yield)	26.0	MPa	ISO 527-2/1B
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	2.5	kJ/m <sup>2</sup>	ISO 179

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

