

Arak LLDPE HD2840UA

Linear Medium Density Polyethylene

Shazand (Arak) Petrochemical Corporation

Message:

HD2840UA is a linear, UV stabilized virgin medium density polyethylene copolymer grade (MDPE), with a narrow molecular weight distribution.

Characteristics:

High stiffness.

Good impact stress.

Whiteness.

UV stabilized.

Good Stress Cracking Resistance.

Excellent process-ability.

Excellent internal and external surface finish.

Typical applications are:

Rotational moulded items with good stiffness, such as: Septic tanks and Ordinary containers.

Injection moulded technical parts and closure.

* HD2840UA is suitable for food contact.

General Information			
Additive	UV Stabilizer		
Features	Copolymer		
	Food Contact Acceptable		
	Good Impact Resistance		
	Good Processability		
	Good Surface Finish		
	Good UV Resistance		
	High ESCR (Stress Crack Resist.)		
	High Stiffness		
Uses	Narrow Molecular Weight Distribution		
	Closures		
	Containers		
	Engineering Parts		
Processing Method	Septic Tanks		
	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.925 to 0.929	g/cm ³	ASTM D2838
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.8 to 4.5	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (50°C)	500	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	11.0	MPa	ASTM D638
Tensile Elongation (Break)	1000	%	ASTM D638

Flexural Modulus	280	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Gardner Impact	12.0	J	ASTM D256

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