

FARALLOY® PE-425

Linear Low Density Polyethylene

O'Neil Color and Compounding

Message:

FARALLOY PE-425 (0899-76) is a rotational molding grade linear low density polyethylene that is modified with a high aspect ratio mineral filler to increase stiffness and dimensional stability while reducing mold shrinkage.

General Information			
Filler / Reinforcement	Mineral		
Features	Good Dimensional Stability		
	High Stiffness		
	Low Density		
	Low Shrinkage		
Forms	Pellets		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.09	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.5	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.5	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	15.9	MPa	ASTM D638
Tensile Elongation (Break)	330	%	ASTM D638
Flexural Modulus	803	MPa	ASTM D790
Flexural Strength	19.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	66.7	°C	ASTM D648

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