

ICORENE® 3575 UV+ BLACK 9001

Medium Density Polyethylene

A. Schulman Europe

Message:

ICORENE® 3575 UV+ Black 9001 is a hexene medium density polyethylene with outstanding processability, specifically developed for rotational moulding.

This grade is suitable for use in general purpose applications. It has a good balance of properties such as toughness, easy flow and stiffness.

ICORENE® 3575 UV+ Black 9001 has been specifically formulated with a high quality UV+15 stabilization package.

General Information			
Additive	Long Term UV-15 Stabilizer		
Features	Rigid, good		
	Good UV resistance		
	Workability, good		
	High liquidity		
	Good toughness		
Uses	Container		
	General		
Appearance	Unspecified Color		
	Natural color		
Forms	Powder		
	Granule 2		
Processing Method	rotomolding		
Physical	Nominal Value	Unit	Test Method
Density	0.935	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	55		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	17.0	MPa	ISO 527
Tensile Elongation (Break)	> 450	%	ASTM D638
Flexural Modulus	650	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Drop Impact Resistance ¹ (-20°C)	17.0	J/cm	Internal method
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	115	°C	ISO 306

Melting Temperature	127	°C	DSC
NOTE			

1. Based on ISO 6603

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

