

# ICORENE® 3560 AMBR

Linear Low Density Polyethylene

A. Schulman Europe

## Message:

ICORENE® 3560 AMBR is a linear low density polyethylene antimicrobial grade specifically developed for rotational moulding. It contains a proven Antimicrobial additive developed with silver based technology. The grade is suitable for use in general purpose applications and has a good balance of properties such as toughness, easy flow and stiffness.

General Information			
Additive	Antibacterial (fungicide) UV stabilizer		
Features	Rigid, good Good UV resistance Workability, good Good liquidity Good toughness		
Uses	Container Water tank General		
Appearance	Available colors Natural color		
Forms	Powder		
Processing Method	rotomolding		
Physical	Nominal Value	Unit	Test Method
Density	0.935	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (50°C, 100% Igepal)	30.0	hr	ASTM D1693
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	ASTM D638
Flexural Modulus	650	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Drop Impact Resistance <sup>1</sup> (-20°C)	170	J/cm	Internal method
NOTE			

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#### Recommended distributors for this material

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