

ICORENE® 3560 DW

Linear Low Density Polyethylene
ICO Polymers EMEA, A Division of A. Schulman

Message:

ICORENE® 3560 DW is a linear low density polyethylene specifically developed for rotational moulding.
ICORENE® 3560 DW is a product specially formulated for applications that require contact with drinking water. This grade fulfils the requirements of health according to the German KTW Recommendation, the requirements of the growth of microorganisms according to the German DVGW-Arbeitsblatt W270 and the Attestation de Conformité Sanitaire (ACS) according to the French law.

General Information			
Additive	UV Stabilizer		
Features	Good UV Resistance		
	Microbe Resistant		
Agency Ratings	ACS Unspecified Rating DGS/VS4 (France)		
	DVGW W270		
Appearance	Natural Color		
Forms	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.935	g/cm ³	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 ¹ (-20°C)	170	J/cm	Internal Method
NOTE			

1. Based on ISO 6603

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Recommended distributors for this material

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