

# ICORENE® 9909

Polycarbonate

ICO Polymers EMEA, A Division of A. Schulman

Message:

ICORENE® 9909 is a polycarbonate powder that has been specifically developed for rotational moulding. This grade exhibits an excellent balance of transparency, stiffness and toughness. ICORENE® 9909 is UV stabilised and is suitable for applications requiring high temperature resistance. Moreover, ICORENE® 9909 is UL94 V2 flame retardant (Schulman R&D test).

General Information			
Additive	UV Stabilizer		
Features	Flame Retardant		
	Good Stiffness		
	Good Toughness		
	Good UV Resistance		
	High Clarity		
	High Heat Resistance		
Uses	Lighting Fixtures		
Agency Ratings	UL 94 .V2		
Appearance	Clear/Transparent		
	Natural Color		
	Unspecified Color		
Forms	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/2.16 kg)	19	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	65.0	MPa	ISO 527-2
Flexural Modulus	2350	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	137	°C	ISO 75-2
Flammability	Nominal Value		Test Method
Flame Rating	V-2		Internal Method
Optical	Nominal Value	Unit	Test Method
Transmittance (3000 µm)	89.0	%	ISO 13468

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Recommended distributors for this material

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