

# ICORENE® 9993

Polyvinylidene Fluoride

ICO Polymers EMEA, A Division of A. Schulman

## Message:

ICORENE® 9993 is a polymer of vinylidene fluoride, PVDF, developed specifically by A. Schulman Specialty Powders for use in rotational moulding. This grade is easily processed and has excellent, physical, mechanical, thermal and flame resistant characteristics. It has excellent abrasion resistance and very good weather resistance.

General Information			
Additive	UV Stabilizer		
Features	Flame Retardant		
	Good Abrasion Resistance		
	Good Chemical Resistance		
	Good UV Resistance		
	Good Weather Resistance		
	High Heat Resistance		
Uses	Vessels		
Agency Ratings	UL 94 .V0		
Appearance	Natural Color		
Forms	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.80	g/cm <sup>3</sup>	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	42.0	MPa	ISO 527-2
Flexural Modulus	1300	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	70.0	°C	ISO 75-2
Melting Temperature	155 to 160	°C	ASTM D2117
Flammability	Nominal Value		Test Method
Flame Rating	V-0		Internal Method

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## Recommended distributors for this material

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