

ICORENE® 9106 V0 White 1803

Linear Low Density Polyethylene

A. Schulman Europe

Message:

ICORENE® 9106 V0 White 1803 is the next generation of flame retardants developed using Halogen free additives for use in rotational moulding applications.
This grade complies with the requirements to meet UL94 V0 at 5mm thickness.

General Information			
Additive	Halogen free: flame retardant 2		
Features	Good UV resistance		
	Workability, good		
	Good liquidity		
	Halogen-free		
Uses	Electrical components		
	General		
Appearance	White		
Forms	Powder		
Processing Method	rotomolding		
Physical	Nominal Value	Unit	Test Method
Density	> 1.00	g/cm ³	ASTM D1505
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	14.0	MPa	ASTM D638
Fracture	8.00	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	13	%	ASTM D638
Fracture	35	%	ASTM D638
Flexural Modulus	660	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Drop Impact Resistance	60.0	J/cm	Internal method
Flammability	Nominal Value		Test Method
Flame Rating (5.0 mm)	V-0		IEC 60695-11-10

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