

ICORENE® XC1451

Linear Medium Density Polyethylene

ICO Polymers APAC, A Division of A. Schulman

Message:

ICORENE™ XC1451 is a linear medium density polyethylene specifically formulated as a flame retardant PE and designed to comply with the requirements of some Australian Standards and the FAR Airworthiness Standards. This unique formulation is also designed to minimise the loss of impact properties and contains a UV stabilisation package rated at UV8.

ICORENE™ XC1451 can be formulated in a range of colours although some darker primary colours may be difficult to achieve. This grade is not suitable for articles in contact with food, drinking water or medicinal products.

Note: Types and levels of pigments or other additives as well as part shape and wall thickness may affect properties of flame retardant grades. Specific grade and colour suitability for the application should be confirmed before use.

General Information			
Additive	UV Stabilizer		
Features	Flame Retardant		
	Good Processability		
	Low Smoke Emission		
Agency Ratings	FAR 25-25853A		
Appearance	Colors Available		
Forms	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.5	g/10 min	ASTM D1238

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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