

Endura® FR-7072-3

Polypropylene Copolymer

PMC Group Polymer Products

Message:

Endura® FR-7072-3 is a ready-to-use non-blooming polypropylene copolymer compound. It is designed for injection molding applications which require a UL-94 rating of V-2 at thicknesses of 0.062" or greater.

Endura® FR-7072-3 has a low specific gravity which can result in lower material costs for molded parts.

Endura® FR-7072-3 has been specifically formulated to essentially eliminate the possibility of surface bloom.

General Information			
Features	Copolymer		
	Flame Retardant		
Uses	Battery Cases		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.948	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	23.9	MPa	
Break	16.0	MPa	
Tensile Elongation (Break)	180	%	ASTM D638
Flexural Modulus ¹	1140	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	93	J/m	ASTM D256
Flammability	Nominal Value		Test Method
Flame Rating (3.18 mm)	V-2		UL 94
NOTE			
1.	1.3 mm/min		

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Recommended distributors for this material

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

