

FLEXITEQ™ F60A570

Thermoplastic Vulcanizate

Marplex Australia Pty. Ltd.

Message:

FLEXITEQ™ F60A570 is a flame retardant thermoplastic vulcanisate material based on Santoprene rubber technology.

It has excellent flame retardant properties, designed to meet the requirements of AS1530.2 and Underwriters laboratory UL94 V0 while retaining the usual benefits of Santoprene thermoplastic rubbers, soft touch, excellent compression set and sealing properties. FLEXITEQ™ F60A570 is supplied in black and maintains excellent UV performance in outdoor applications.

FLEXITEQ™ F60A570 is ROHS compliant.

Note: The letters "UV" or "W" indicate additional UV stabilisation [ie: FLEXITEQ™ F60A570UV].

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Good UV Resistance		
	Low Compression Set		
	Soft		
RoHS Compliance	RoHS Compliant		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	60		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (100% Strain)	2.00	MPa	ASTM D412
Tensile Strength ² (Break)	3.00	MPa	ASTM D412
Tensile Elongation ³ (Break)	220	%	ASTM D412
Tear Strength ⁴ (23°C)	20.0	kN/m	ASTM D624
Compression Set ⁵ (23°C, 70 hr)	31	%	ASTM D395B
Flammability	Nominal Value	Unit	Test Method
Flame Rating (3.00 mm)	V-0		UL 94
Glow Wire Flammability Index (1.60 mm)	960	°C	AS/NZS 60695.2.12
Oxygen Index	27	%	ASTM D2863
Flammability Index (1.80 mm)	1.00		AS 1530.2
Extrusion	Nominal Value	Unit	
Drying Temperature	75.0 to 80.0	°C	
Drying Time	3.0 to 4.0	hr	
Cylinder Zone 1 Temp.	160 to 190	°C	
Cylinder Zone 2 Temp.	180 to 200	°C	
Cylinder Zone 3 Temp.	180 to 200	°C	
Cylinder Zone 4 Temp.	180 to 200	°C	

Cylinder Zone 5 Temp.	180 to 200	°C
Melt Temperature	180 to 200	°C

NOTE

1.	Die C, 500 mm/min
2.	Die C, 500 mm/min
3.	Die C, 500 mm/min
4.	Die C, 500 mm/min
5.	Type 2

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