

FLEXITEQ™ 58A010UV

Thermoplastic Vulcanizate

Marplex Australia Pty. Ltd.

Message:

FLEXITEQ™ F58A010UV is a formulation based on Santoprene™ rubber technology. It is formulated for extrusion including thin wall or complex profile applications in a pre-coloured material. FLEXITEQ™ F58A010UV is an improved UV resistant version and can be processed on conventional thermoplastic equipment for extrusion. It is polyolefin based and completely recyclable.

General Information	
Additive	UV stabilizer
Features	Good UV resistance
	Recyclable materials
Uses	Thin wall parts
	Profile
Processing Method	Extrusion
	Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.968	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	63		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	4.20	MPa	ASTM D412
Tensile Elongation ² (Break)	260	%	ASTM D412
Tear Strength ³ (23°C)	20.0	kN/m	ASTM D624
Compression Set ⁴			ASTM D395B
23°C, 70 hr	24	%	ASTM D395B
70°C, 22 hr	32	%	ASTM D395B
Extrusion	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0 - 4.0	hr	
Cylinder Zone 1 Temp.	160 - 185	°C	
Cylinder Zone 3 Temp.	175 - 200	°C	
Cylinder Zone 5 Temp.	185 - 205	°C	
Melt Temperature	185 - 205	°C	
Die Temperature	185 - 205	°C	
Back Pressure	5.00 - 20.0	MPa	
Extrusion instructions			
Typical Mesh Screen Combination: 20/40/60			

NOTE	
1.	C mold, 500 mm/min
2.	Mouth die C, 500 mm/min
3.	C mold, 500 mm/min
4.	Type 2

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Recommended distributors for this material


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