

FLEXITEQ™ F67A011UV

Thermoplastic Vulcanizate

Marplex Australia Pty. Ltd.

Message:

FLEXITEQ™ F67A011UV is a formulation based on Santoprene™ rubber technology. It is formulated for extrusion applications in a pre-coloured material. FLEXITEQ™ F67A011UV is an enhanced UV and heat stability version and can be processed on conventional thermoplastic equipment for extrusion. It is polyolefin based and completely recyclable.

General Information			
Additive	heat stabilizer		
	UV stabilizer		
Features	Good UV resistance		
	Recyclable materials		
	Thermal Stability		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.978	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	70		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	5.20	MPa	ASTM D412
Tensile Elongation ² (Break)	310	%	ASTM D412
Tear Strength ³	26.0	kN/m	ASTM D624
Compression Set ⁴			ASTM D395B
23°C, 70 hr	25	%	ASTM D395B
70°C, 22 hr	36	%	ASTM D395B
Extrusion	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0 - 4.0	hr	
Cylinder Zone 1 Temp.	165 - 185	°C	
Cylinder Zone 3 Temp.	170 - 190	°C	
Cylinder Zone 5 Temp.	180 - 200	°C	
Melt Temperature	190 - 205	°C	
Die Temperature	190 - 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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