

FLEXITEQ™ F87A100UV

Thermoplastic Vulcanizate

Marplex Australia Pty. Ltd.

Message:

FLEXITEQ™ F87A100UV is a formulation based on Santoprene™ rubber technology. It is formulated to incorporate smooth-touch and good mouldability properties. FLEXITEQ™ F87A100UV is a UV improved version and can be used in moulding applications on conventional thermoplastic equipment for injection moulding. It is polyolefin based and completely recyclable.

General Information			
Additive	UV Stabilizer		
Features	Good Moldability		
	Good UV Resistance		
	Recyclable Material		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.958	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	90		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	9.50	MPa	ASTM D412
Tensile Elongation ² (Break)	460	%	ASTM D412
Tear Strength ³ (23°C)	52.0	kN/m	ASTM D624
Compression Set ⁴ (23°C, 70 hr)	47	%	ASTM D395B
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 85.0	°C	
Drying Time	3.0 to 4.0	hr	
Rear Temperature	170 to 190	°C	
Middle Temperature	180 to 210	°C	
Front Temperature	200 to 220	°C	
Processing (Melt) Temp	190 to 230	°C	
Mold Temperature	10.0 to 60.0	°C	
Injection Rate	Fast		
Back Pressure	0.300 to 0.700	MPa	
Screw Speed	100 to 200	rpm	
Clamp Tonnage	3.0 to 5.0	kN/cm ²	
NOTE			
1.	Die C, 500 mm/min		
2.	Die C, 500 mm/min		
3.	Die C, 500 mm/min		
4.	Type 2		

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