

FLEXITEQ™ F55A911UV

Thermoplastic Vulcanizate

Marplex Australia Pty. Ltd.

Message:

FLEXITEQ™ F55A911UV is a formulation based on Santoprene™ rubber technology. It is formulated to incorporate soft-touch and good mouldability or extrusion, and formulated to bond to ABS, PS, PC, PMMA, ASA, PET & PPO/PS blends in a pre-coloured material. FLEXITEQ™ F55A911UV is a UV improved version and can be processed on conventional thermoplastic equipment for injection moulding or extrusion. It is polyolefin based and completely recyclable.

General Information			
Features	Good UV resistance		
	Recyclable materials		
	Good formability		
	High liquidity		
	Soft		
Processing Method	Extrusion		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	55		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	4.50	MPa	ASTM D412
Tensile Elongation ² (Break)	600	%	ASTM D412
Tear Strength ³ (23°C)	22.0	kN/m	ASTM D624
Compression Set ⁴ (23°C, 70 hr)	39	%	ASTM D395B
Injection	Nominal Value	Unit	
Drying Temperature	70.0	°C	
Drying Time	3.0 - 4.0	hr	
Rear Temperature	160 - 210	°C	
Middle Temperature	180 - 230	°C	
Front Temperature	190 - 240	°C	
Mold Temperature	25.0 - 50.0	°C	
Injection Rate	Moderate-Fast		
Injection instructions			
Melt Temperature: 210 - 230°C for two shot mouldingMelt Temperature: 230 - 250°C for insert moulding			
Extrusion instructions			
Melt Temperature: 190 - 205°C for extrusion			
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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