

FLEXITEQ™ F85A110UV

Thermoplastic Vulcanizate

Marplex Australia Pty. Ltd.

Message:

FLEXITEQ™ F85A110UV is a formulation based on Santoprene™ rubber technology. It is formulated to incorporate smooth-touch, high flow and good mouldability in a pre-coloured material. FLEXITEQ™ F85A110UV is a UV resistant TPE and can be used in difficult injection moulding applications on conventional thermoplastic equipment for injection moulding. It is polyolefin based and completely recyclable.

General Information			
Features	Good UV resistance		
	Recyclable materials		
	Good formability		
	High liquidity		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.918	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	88		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	6.50	MPa	ASTM D412
Tensile Elongation ² (Break)	350	%	ASTM D412
Tear Strength ³ (23°C)	31.0	kN/m	ASTM D624
Compression Set ⁴ (23°C, 70 hr)	43	%	ASTM D395B
Injection	Nominal Value	Unit	
Drying Temperature	80.0 - 85.0	°C	
Drying Time	3.0 - 4.0	hr	
Rear Temperature	170 - 190	°C	
Middle Temperature	180 - 210	°C	
Front Temperature	200 - 220	°C	
Processing (Melt) Temp	190 - 220	°C	
Mold Temperature	10.0 - 60.0	°C	
Injection Rate	Fast		
Back Pressure	0.300 - 0.700	MPa	
Screw Speed	100 - 200	rpm	
Clamp Tonnage	3.0 - 5.0	kN/cm ²	
Injection instructions			
Injection Pressure: High			
NOTE			
1.	C mold, 500 mm/min		
2.	Mouth die C, 500 mm/min		

3.	C mold, 500 mm/min
4.	Type 2

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

