

FLEXITEQ™ V78A010UV

Thermoplastic Vulcanizate

Marplex Australia Pty. Ltd.

Message:

FLEXITEQ™ V78A010UV is a soft-touch and flexible thermoplastic polyolefin elastomer designed for profile extrusion applications, and can be formulated in a pre-coloured material. FLEXITEQ™ V78A010UV features an optimal balance of processability, formability and toughness together with enhanced heat and UV stability, and can be processed on conventional thermoplastic equipment for extrusion.

General Information			
Additive	Heat Stabilizer		
	UV Stabilizer		
Features	Good Flexibility		
	Good Processability		
	Good Toughness		
	Good UV Resistance		
	Heat Stabilized		
	Soft		
Uses	Profiles		
Processing Method	Extrusion		
	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.968	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	1.4	g/10 min	
190°C/5.0 kg	4.8	g/10 min	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	78		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	8.00	MPa	ASTM D412
Tensile Elongation ² (Break)	570	%	ASTM D412
Tear Strength ³ (23°C)	48.0	kN/m	ASTM D624
Compression Set ⁴ (23°C, 70 hr)	40	%	ASTM D395B
Injection	Nominal Value	Unit	
Drying Temperature	70.0	°C	
Drying Time	2.0 to 4.0	hr	
Rear Temperature	130 to 150	°C	
Middle Temperature	160 to 180	°C	
Front Temperature	170 to 190	°C	

Processing (Melt) Temp	170 to 190	°C
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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