

# Multi-Flex® TPO D5308 X

Thermoplastic Polyolefin Elastomer  
Multibase, A Dow Corning Company

Message:

Multi-Flex® TPO D5308 X is a Thermoplastic Polyolefin Elastomer (TPO (POE)) product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.  
Characteristics include:  
Good UV Resistance  
Impact Resistant

General Information			
Features	Good Impact Resistance		
	Good UV Resistance		
	Paintable		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.935	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.5	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec)	53		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	621	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	18.6	MPa	ASTM D412
Tensile Elongation (Break)	240	%	ASTM D412
Tear Strength	112	kN/m	ASTM D624
Injection	Nominal Value	Unit	
Drying Temperature	65.6	°C	
Drying Time	2.0 to 4.0	hr	
Rear Temperature	199	°C	
Middle Temperature	210	°C	
Front Temperature	218	°C	
Nozzle Temperature	221	°C	
Processing (Melt) Temp	221	°C	
Mold Temperature	26.7 to 37.8	°C	
Injection Rate	Moderate-Fast		

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## 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

