

Multi-Flex® TEA 4001-35

Thermoplastic Elastomer

Multibase, A Dow Corning Company

Message:

Multi-Flex® TEA 4001-35 is a Thermoplastic Elastomer (TPE) product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Food Contact Applications. Primary characteristic: good adhesion.

General Information			
Features	Bondability		
Agency Ratings	FDA Unspecified Rating		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.928	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	60	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	41		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	5.31	MPa	ASTM D412
Tensile Elongation (Break)	910	%	ASTM D412
Tear Strength	24.5	kN/m	ASTM D624
Injection	Nominal Value	Unit	
Drying Temperature	65.6	°C	
Drying Time	2.0 to 4.0	hr	
Rear Temperature	171	°C	
Middle Temperature	177	°C	
Front Temperature	182	°C	
Nozzle Temperature	188	°C	
Processing (Melt) Temp	188	°C	
Mold Temperature	26.7 to 48.9	°C	
Injection Rate	Moderate		

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