

KIBITON® TPE PB-575

Thermoplastic Elastomer

CHI MEI CORPORATION

Message:

KIBITON® TPE PB-575 is a Thermoplastic Elastomer (TPE) product. It can be processed by injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Primary characteristic: rohs compliant.

General Information			
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.938	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/5.0 kg	4.5	g/10 min	
200°C/5.0 kg	7.0	g/10 min	
Ash Content	0.3	wt%	ASTM D1416
Oil Content	50	phr	ASTM D1416
Volatile Matter	0.60	wt%	ASTM D1416
Bale Weight	20000	g	
BD/SM Ratio	58/42	wt%	ASTM D1416
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	65		ASTM D2240
Injection	Nominal Value	Unit	
Drying Temperature	60.0 to 70.0	°C	
Drying Time	1.0 to 2.0	hr	
Rear Temperature	130 to 150	°C	
Middle Temperature	150 to 190	°C	
Front Temperature	150 to 190	°C	
Processing (Melt) Temp	160 to 170	°C	
Mold Temperature	30.0 to 70.0	°C	
Injection Pressure	1.96 to 7.85	MPa	
Holding Pressure	1.96 to 3.92	MPa	
Back Pressure	0.490 to 0.981	MPa	

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