

PURFLEX™ TPO D80-BK09

Thermoplastic Elastomer

Pier One Polymers, Inc.

Message:

PURFLEX™ TPO D80-BK09 is available in Black only. Further information and details are available upon request.

General Information			
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.970	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	17	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 23°C)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	19.9	MPa	ASTM D638
Tensile Elongation (Yield, 23°C)	200	%	ASTM D638
Flexural Modulus (23°C)	849	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	27.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	500	J/m	ASTM D256
Injection	Nominal Value	Unit	
Suggested Max Moisture	< 0.010	%	
Processing (Melt) Temp	188 to 238	°C	
Mold Temperature	16.0 to 49.0	°C	

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Recommended distributors for this material

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