

Arnitel® FM8226
Envalior - Thermoplastic Copolyester Elastomer
General Information
Product Description

Injection Molding, Extrusion, Foam Applications

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Uses	• Foam		
Processing Method	• Extrusion	• Injection Molding	
Resin ID	• TPC-ET		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.09	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	32	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4790	psi	ISO 527-1
Tensile Stress (Break)	2180	psi	ISO 527-2
Tensile Strain (Break)	• > 50 % • > 300		ISO 527-2
Nominal Tensile Strain at Break	• > 50 % • 900		ISO 527-2
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			ISO 868
Shore A, 3 sec	85		
Shore D, 3 sec	35		
Thermal	Nominal Value	Unit	Test Method
Melting Temperature ²	316	°F	ISO 11357-3

Notes
¹ Typical properties: these are not to be construed as specifications.

² 10°C/min
