



Product: SoftFlex 507A

Product Description: 7 Shore A TPE-SEBS

Physical Properties	Units	ASTM Test Method	Value (Injection Molded)
Tensile Strength, @ break	MPa	D412	2.4
100% Modulus	MPa	D412	0.2
300% Modulus	MPa	D412	0.3
Elongation, @ break	%	D412	1200
Tear Strength	KN/mm	D624	5
Melt Viscosity, 190C, 227 sec-1	Pa-sec	APA QC20	303
Durometer	Shore A	D2240	7A+/-3
Specific Gravity	g/cm3	D792	0.89

Recommended Molding Conditions:

Feed throat – 140C (throat cooling recommended to prevent blocking)

Barrel Temperatures – 160 – 190C

Die Temperature – 170C; Screw speed – 30 – 60; Injection Pressure: Low to medium; Injection Speed: Medium to fast; Cooling Time: (depends on part thickness) 20 – 50 sec.