

Prime ABS ST80

ABS

Primex Color, Compounding & Additives

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	3.03	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	24.8	MPa	ASTM D 638
Elongation at Break	10	%	ASTM D 638
Flexural Modulus	813.6	MPa	ASTM D 790
Shore D Hardness	53	-	ASTM D 2240
Izod Impact notched, 1/8 in	496	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Coefficient of Thermal Expansion, MD	95.4	E-6/K	ASTM D 696
DTUL @ 66 psi	93.3	°C	ASTM D 648
DTUL @ 264 psi	81.1	°C	ASTM D 648
Vicat Temperature	105	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1040	kg/m ³	ASTM D 792

Characteristics**Processing**

Film Extrusion

Special Characteristics

U.V. stabilized or stable to weather

Features

Acoustical Barrier Properties, Soft Feel

Chemical Resistance

General Chemical Resistance

Applications

Automotive

Regional Availability

North America