

TECHNICAL DATA SHEET

Chemiton® HMB_ _ A55

Franplast
TPS

Processing

Injection molding, Other extrusion

Special Characteristics

U.V. stabilized or stable to weather, Heat stabilized or stable to heat, Transparent

Features

Copolymer

Chemical Resistance

Ozone resistance, Radiation resistance

Certifications

US Pharmacopeia class VI approved

Applications

Automotive, Electrical and electronical, Medical

Mechanical Properties	Value	Unit	Standard
Tensile strength	9.2	MPa	ISO 527
Strain at break TPE	>300	%	ISO 527
Compression set at 23 °C, 24h	19	%	
Compression set at 70 °C, 24h	31	%	ISO 815
Tear strength, parallel	28.3	kN/m	ISO 34-1
Shore A hardness, 15s	55		ISO 7619-1
Other Properties	Value	Unit	Standard
Density	890	kg/m ³	ISO 1183