

**EMPBT FR V0**

PBT

Emas Plastik San.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	9	g/10min	ISO 1133
Molding shrinkage, parallel	0.8	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	4000	MPa	ISO 527
Tensile Strength	40	MPa	ISO 527
Strain at break	4	%	ISO 527
Izod notched impact strength, +23°C	4	kJ/m <sup>2</sup>	ISO 180/1A
Shore D hardness	75	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	230	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	145	°C	ISO 75-1/-2
Vicat softening temperature, B	150	°C	ISO 306
Burning behav. at thickness h	V-0	class	IEC 60695-11-10

Other properties	Value	Unit	Test Standard
Density	1450	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding, Other Extrusion

**Special Characteristics**

Flame retardant