



Bayblend 2953

Speciality grades / Coating

Electroplating grade; Vicat B/120 temperature = 112°C; can be plated in existing ABS systems

ISO Shortname

Property	Test Condition	Unit	Standard	Value
Mechanical properties (23 °C/50 % r.h.)				
Tensile modulus	1 mm/min	lb/in ²	ASTM D 638	335000
Tensile stress at yield	-	lb/in ²	ASTM D 638	6600
Tensile elongation at yield	-	%	ASTM D 638	3.0
Tensile elongation at break	-	%	ASTM D 638	> 50
Izod notched impact strength	73 °F, 0.125 in	ft·lb/in	ASTM D 256	10
Flexural modulus	-	lb/in ²	ASTM D 790	310000
Flexural stress at 5 % strain	-	lb/in ²	ASTM D 790	10600
Thermal properties				
Deflection temperature under load, Unannealed	264 psi; 0.125 in	°F	ASTM D 648	205
Vicat softening temperature	Rate B; 5 kg; 120 °C/h	°F	ASTM D 1525	226
Relative temperature index, electrical	Thickness tested: 1.5 mm	°C	UL 746 B	60
Relative temperature index, mechanical with impact	Thickness tested: 1.5 mm	°C	UL 746 B	60
Relative temperature index, mechanical without impact	Thickness tested: 1.5 mm	°C	UL 746 B	60
Other properties (23 °C)				
Density		kg/m ³	ASTM D 792	0.04

