

Bayfol CR 6-2

PC-blend films / Increased chemical resistance and dynamical strength

Dazzle-free, PC/PBT-blend-film with high dynamic strength, increased chemical resistance, good cold formability and high scratch resistance, clear translucent, one side fine velvet, one side very fine matte, thicknesses 125 - 375 microns.

ISO Shortname

Property	Test Condition	Unit	Standard	Value
Rheological properties				
Shrinkage, parallel	90 °C; 1 h	%	IEC 60674	<= 0.4
Shrinkage, across	90 °C; 1 h	%	IEC 60674	<= 0.2
Mechanical properties (23 °C/50 % r.h.)				
Tensile modulus		MPa	ISO 527-1,-3	>= 2100
C Stress at break, parallel		MPa	ISO 527-1,-3	>= 55
C Stress at break, across		MPa	ISO 527-1,-3	>= 55
Strain at break		%	ISO 527-1,-3	>= 120
Thermal properties				
Coefficient of linear thermal expansion, parallel	20 to 120 °C	10 ⁻⁶ /K	DIN 53752	80
Coefficient of linear thermal expansion, transverse	20 to 120 °C	10 ⁻⁶ /K	DIN 53752	80
Other properties (23 °C)				
Roughness	R3z; Top Side	µm	acc. ISO 4288	5.0
Roughness	R3z; Reverse Side	µm	acc. ISO 4288	13
C Density		kg/m ³	ISO 1183	1230
C Gloss	60 °; Top Side	-	ISO 2813	25
C Gloss	60 °; Reverse Side	-	ISO 2813	6.0
Material specific properties				
Luminous transmittance (clear transparent materials)	Type of light; C/2; O/D	%	ISO 13468-2	>= 80



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