

PX5212

Water Clear up to 10mm thickness – Simulates PC

Physical Properties	
Colour	Water Clear
Pigmentable	Yes

Mechanical Properties				
Hardness	Shore A/D	@ 23°C	85D	TEST /ISO
				ISO 868 : 2003
Flexural Strength (MPa)			110	ISO 178 : 2001
Flexural Modulus (MPa)			2,400	
Tensile Strength (MPa)			66	ISO 527 : 1993
Tensile Modulus (MPa)			2,400	
Elongation Break (%)			7.5	
Charpy Impact (Kj/m ²)			48	ISO 179/1eU : 1994
Linear Shrinkage (mm/m)			7*	

Thermal & Specific Properties		
Glass transition temperature (°C)	95	ISO 11359-2 : 1999
Heat deflection temperature (°C)	85	ISO 75 :2004

Optical Properties		
Refractive Index	1,511	LNE
Coefficient of light transmission (%)	89	

*Shrinkage value quoted as guide only