

Technical Properties: <i>PLYFORM ABS ECO</i>				
Construction:		Mono-layer recycled grade ABS sheet.		
Edition / Date:		1 / 06032026		
Characteristics		Value*	Unit*	Test method*
PHYSICAL PROPERTIES				
Density	23°C	1.06	g/cm ³	ASTM D 792
MECHANICAL PROPERTIES				
Tensile E-Modulus	23°C	-	MPa	ASTM D 638
Yield stress	23°C	-	MPa	ASTM D 638
Elongation at break	23°C	-	%	ISO 527
IZOD notched impact strength	23°C	-	J/m	ASTM D 256
	-30°C	-	J/m	ASTM D 256
THERMAL PROPERTIES				
Vicat B	50°C/h 50N	-	°C	ISO 306
HDT-A	1.82 MPa	-	°C	ASTM D 648
BURNING BEHAVIOUR				
Flammability classification		-		UL 94
MISCELLANEOUS PROPERTIES				
Moulding shrinkage		0.5 – 0.7	%	General test method
Thermoforming temperature range		160 to 210	°C	General test method
Recycled content		97 to 100	%	General test method

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