

<b>Technical Properties: <i>PLYFORM ABS VCR</i></b>				
<b>Construction:</b>		Multi-layer ABS sheet with a <b>virgin top layer and a recycled base layer.</b>		
<b>Edition / Date:</b>		1 / 06032026		
<b>Characteristics</b>		<b>Value*</b>	<b>Unit*</b>	<b>Test method*</b>
<b>PHYSICAL PROPERTIES</b>				
Density	23°C	1.06	g/cm <sup>3</sup>	ASTM D 792
<b>MECHANICAL PROPERTIES</b>				
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
<b>THERMAL PROPERTIES</b>				
Vicat B	50°C/h 50N	-	°C	ISO 306
HDT-A	1.82 MPa	-	°C	ASTM D 648
<b>BURNING BEHAVIOUR</b>				
Flammability classification		-		UL 94
<b>MISCELLANEOUS PROPERTIES</b>				
Moulding shrinkage		0.5 – 0.7	%	General test method
Thermoforming temperature range		160 to 210	°C	General test method
Recycled content		70 - 95	%	General test method

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