

# Polyart.®

— the synthetic paper —

Polyart	Standard	Unit	Values						
<b>Grammage</b>	<b>ISO 536</b>	<b>g/m<sup>2</sup></b>	<b>75</b>	<b>90</b>	<b>110</b>	<b>140</b>	<b>170</b>	<b>200</b>	<b>240</b>
Thickness	DIN 53370	µm	95	110	140	170	215	250	300
Density		g/cm <sup>3</sup>	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Whiteness	ISO 2470	%	90	90	90	90	90	90	90
Opacity	DIN 53146	%	92	94	95	97	98	98	98
Tensile Strength - MD	ISO 527-3	N/mm <sup>2</sup>	45	45	43	40	38	34	34
Tensile Strength - TD	ISO 527-3	N/mm <sup>2</sup>	35	35	35	32	30	28	28
Elongation at break - MD	ISO 527-3	%	120	120	120	130	130	130	150
Elongation at break - TD	ISO 527-3	%	130	130	130	130	120	120	140
Tear Strength - MD	ASTM D1004-66	N/mm	84	82	80	82	84	83	85
Tear Strength - TD	ASTM D1004-66	N/mm	109	106	105	107	108	100	110

September 2018

