



Technical Data Sheet

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PP-H AlphaPlus 3000x1500x5 mm grey (protective film)

Article No.	P2201002
Category	PP

Technical Properties

Density & Weight

Property	Value	Unit	Test standard
Density	0.91	g/cm ³	ISO 1183

Moisture Absorption

Property	Value	Unit	Test standard
Water absorption to saturation	0.2	%	ISO 62
Water Absorption to Saturation	0.2	%	ISO 62

Tensile Properties

Property	Value	Unit	Test standard
Tensile Strength	36	MPa	ISO 527
Modulus of elasticity (tensile)	1700	MPa	ISO 527-2
Breakdown Voltage	30	MPa	ISO 527
Break Elongation	8	%	ISO 527-2

Flexural Properties

Property	Value	Unit	Test standard
Flexural Strength	37	MPa	DIN EN ISO 527-2

Impact Resistance

Property	Value	Unit	Test standard
Notched impact strength (Charpy)	9	kJ/m ²	ISO 179/1eA
Impact Resistance (Charpy)	7.7	kJ/m ²	ISO 179

Hardness

Property	Value	Unit	Test standard
Hardness Shore D	72	° Shore D	ISO 868
Ball pressure hardness	110	MPa	ISO 2039

Fire Classification

Property	Value	Unit	Test standard
Flammability Classification (UL 94)	60695		UL 94