

Product Texts

This data sheet applies to the products PA 2200 and PA 2200 CarbonReduced.

150 µm layer thickness

The Speed parameter set applies the classic 150 µm layer thickness which is popular and widespread on the market due to its allround qualities. This parameter set offers slightly higher surface quality than TopSpeed.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1600	MPa	ISO 527
Tensile Strength	48	MPa	ISO 527
Strain at break	18	%	ISO 527
Flexural modulus, 23°C	1500	MPa	ISO 178
Charpy impact strength, +23°C	53	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	4.8	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	4.4	kJ/m ²	ISO 180/1A
Shore D hardness	75	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	176	°C	ISO 11357-1/-3
Vicat softening temperature, B	163	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	930	kg/m ³	ISO 1183

Characteristics**Regional Availability**

North America, Europe, Asia Pacific, South and Central America, Near East/Africa