

Ultramid® 1C

PA66/6...

BASF

Alcohol soluble polyamide for tough, abrasion-resistant coatings and coverings with high oxygen barrier.

Mechanical Properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	2400 / 1400	MPa	ISO 527
Yield stress	80 / 48	MPa	ISO 527
Yield strain	5 / 5	%	ISO 527
Nominal strain at break	>50 / 37	%	ISO 527
Impact Strength (Charpy), +23°C	140 / no break	kJ/m²	ISO 179/1eU
Impact Strength (Charpy), -30°C	200 / -	kJ/m²	ISO 179/1eU
Notched Impact Strength (Charpy), +23°C	7.5 / 8.5	kJ/m²	ISO 179/1eA
Notched Impact Strength (Charpy), -30°C	8 / -	kJ/m²	ISO 179/1eA

Characteristics

Processing

Coating

Special Characteristics

Transparent