

AT[®] 505

Product information

Vinyl acetate content %

Rheological properties

Melt Flow Index	0.3 g/10min	ASTM D 1238
Temperature	190 °C	
Load	2.16 kg	

Typical mechanical properties

Tensile Strength	20 MPa	ASTM D 638
Elongation at break	610 %	ASTM D 638
Flexural Modulus	270 MPa	ASTM D 790
Shore A hardness	97	ASTM D 2240
Shore D hardness	52	ASTM D 2240

Thermal properties

Melting temperature	112 °C	ASTM D 3418
Vicat softening temperature, 50°C/h 10N	101 °C	ISO 306

Other properties

Density	924 kg/m ³
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Film Properties

Stress at yield, machine direction, 500 mm/min	11 MPa	ASTM D 882
Stress at yield, transverse, 500 mm/min	11 MPa	ASTM D 882
Maximum stress, machine direction, 500 mm/min	21 MPa	ASTM D 882
Maximum stress, transverse, 500 mm/min	21 MPa	ASTM D 882
Maximum strain, machine direction, 500 mm/min	580 %	ASTM D 882
Maximum strain, transverse, 500 mm/min	670 %	ASTM D 882
Gloss, 45°	35	ASTM D 2303
Haze	20	ASTM D 1003

