



MBA Polymers Austria

Kunststoffverarbeitung GmbH

Product information / Material data sheet

ABS 4134 90/04

Easy flowing, standard black ABS Compound for use in standard applications.
Ideally suited for injection molding, but also processable with other processing technologies.

	Value	Unit	Test method
Physical			
Density	1,07	[g/cm ³]	Internal standard

Rheological			
MFR (230 °C/3,8kg)	8	[g/10 min]	ISO 1133

Mechanical			
Tensile modulus	2450	[MPa]	ISO 527
Flexural modulus	2400	[MPa]	ISO 178
Stress at yield	40	[MPa]	ISO 527
Strain at yield	2	[%]	ISO 527
Strain at break	5	[%]	ISO 527

Impact			
Unnotched Izod impact strength (23 °C)	27	[kJ/m ²]	ISO 180/1U
Notched Izod impact strength (23 °C)	11	[kJ/m ²]	ISO 180/1A
Notched Charpy impact strength (23 °C)	10	[kJ/m ²]	ISO 179-1/1eA

Thermal			
Vicat/B/50	91	[°C]	ISO 306

Miscellaneous	
Color	Standard black
Shape	Cylindrical pellets

The data above are based on our current knowledge and experience. The data imply no guarantee of certain properties.
The suitability of the product for a specific purpose can only be ensured with own investigations and tests.