

Product Texts

SABIC® PP 86MF97 is a grade which is characterised by an optimum combination of stiffness, impact resistance and flow. It is highly UV-stabilised, and therefore commonly used for exterior applications such as car bumpers. SABIC® PP 86MF97 is a designated automotive grade. IMDS ID: 80775790

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1000	MPa	ISO 527
Yield stress	22	MPa	ISO 527
Yield strain	6	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	N	kJ/m ²	ISO 179/1eA
Izod notched impact strength	8	kJ/m ²	ISO 180/1A
Shore D hardness	60	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, A	143	°C	ISO 306
Vicat softening temperature, B	62	°C	ISO 306