

SABIC® PP 513A

PP HOMOPOLYMER

DESCRIPTION

SABIC® PP 513A is a fibre grade with an anti gas fading stabiliser package. Application: SABIC® PP 513A is typically used by our customer for extrusion of staple fibres used in geo-textile applications with an optimum balance of tenacity/elongation. Health, Safety and Food Contact regulations: Material Safety

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt Flow Rate			
at 230 °C and 2.16 kg	6.0	dg/min	ISO 1133
Density	905	kg/m ³	ASTM D1505
Molecular Weight Distribution	Broad	-	-
Isotacticity	Medium	-	-
FORMULATION			
Gas fading stabilized	<input checked="" type="checkbox"/>	-	SABIC method
MECHANICAL PROPERTIES			
Tensile test			
strain at yield ⁽¹⁾	8	%	ISO 527-2 1A
tensile modulus ⁽²⁾	1700	MPa	ISO 527-2 1A
stress at yield	37	MPa	ISO 527-2 1A

(1) Speed of testing: 50 mm/min

(2) Speed of testing: 1 mm/min

QUALITY

SABIC is fully certified in accordance with the internationally accepted quality standard ISO9001.