SABIC® PP 515A

PP HOMOPOLYMER

DESCRIPTION

SABIC® PP 515A is characterized by high flow and broad molecular weight distribution. It contains an anti gas fading stabilisation package.Application: SABIC® PP 515A is typically used by our customers for (bulked) continuous filaments, including mono and tri colour carpet yarns.Health, Safety and Food Contact regulations: Material Safety Data Sheets (MSDS) and Product Safety declarations are available on our Internet site http://www.SABIC.com The product mentioned herein is in particular not tested and therefore not validated for use in pharmaceutical/ medical applications.This grade material is UL registered under File E111275 (www.ul.com)IMDS 7172624

TYPICAL PROPERTY VALUES

Revision 20210228

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt Flow Rate (MFR)			
at 230 °C and 2.16 kg	24	dg/min	ISO 1133
Density	905	kg/m³	ASTM D1505
Molecular Weight Distribution	Broad	-	-
Isotacticity	Medium	-	-
FORMULATION			
Gas fading stabilized	☑	-	SABIC method
MECHANICAL PROPERTIES			
Tensile test			
tensile modulus (1)	1700	MPa	ISO 527-2 1A
strain at yield (2)	8	%	ISO 527-2 1A
stress at yield	37	MPa	ISO 527-2 1A

(1) Speed of testing: 1 mm/min
(2) Speed of testing: 50 mm/min

STORAGE AND HANDLING

Avoid prolonged storage in open sunlight, high temperatures (<50 °C) and /or high humidity as this could well speed up alteration and consequently loss of quality of the material and /or its packaging. Keep material completely dry for good processing.

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