

SABIC[®] PP 504PT

POLYPROPYLENE HOMOPOLYMER
REGION ASIA

DESCRIPTION

SABIC[®] PP 504PT is a low fluidity polypropylene homopolymer with consistent processability, easy orientation, low water carry over and good mechanical properties.

TYPICAL APPLICATIONS

SABIC[®] PP 504PT can be used for producing woven bags, flexible intermediate bulk containers, ropes & twines, carpet backing, geotextiles and concrete reinforcement.

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt Flow Rate			
at 230°C and 2.16 kg	3.2	g/10 min	ISO 1133
Density	905	kg/m ³	ASTM D1505
MECHANICAL PROPERTIES			
Rockwell Hardness ⁽¹⁾			
R-scale	100	-	ISO 2039-2
FILM PROPERTIES			
Tensile Properties			
stress at yield	34	MPa	ISO 527-2
stress at break	36	MPa	ISO 527-2
elongation at break	440	%	ISO 527-2
tensile modulus	1700	MPa	ISO 527-2 1A

(1) Based on injection molded specimens.

