



National Energy Group Ningxia Coal Industry

Co., Ltd.

Test Report

Product Description

1103K is specially developed for bi-axially oriented PP (BOPP) film extrusion with cylindrical appearance and natural color. 1103K has very good strength and wear resistance, excellent impact resistance, chemical stability and insulation, good resistance to stress cracking and heat.

Typical Application

Bi-axially oriented PP (BOPP) film extrusion



Report No	1103K20220114F2001			
Product Name	POLYPROPYLENE BOPP RESIN	Product Brand	1103K	
Batch Number	20220114F2001	Test Date	2022.01.14	
Executive Standard	Q/DQ SHM 0009-2017			
Test items	Quality Index	Test Result	Unit	Test Method
Color Granule	≤ 20	0	Pcs/kg	SH/T 1541-2006
Black Granule	0	0	Pcs/kg	
Big and Small Granule	Report	0.8	g/kg	
Melt Flow Rate	3.2 ± 0.95	3.31	g/10min	GB/T 3682.1-2018
Isotactic Index	≥ 94	97.6	%	GB/T 2412-2008
Ash	≤ 500	193	mg/kg	GB/T 9345.1-2008

Tensile Strength at Yield	≥ 28.0	32.7	MPa	GB/T 1040.2-2006
Fish Eyes 0.4mm	≤ 30	0	Pcs/1520 c m ²	GB/T 6595-1986
Fish Eyes 0.8mm	≤ 5	1	Pcs/1520 c m ²	GB/T 6595-1986
Yellowness Index	≤ 4.0	-4.3	/	HG/T 3862-2006
Haze	≤ 6.0	0.8	/	GB/T 2410-2008