PowerPak

Certificate of Analysis

Date : 13th JUNE 2018
Customer : POWER PAK PACKAGING
Product Description : PLAIN LLDPE CAST STRETCH FILM
Product Group : MINI ROLL
Dimension : 0.020MM X 100MM X 250M
WO - Run (Order) : 245348 - 254011 (87068)
PO NO. : 38162/1
Delivery Number :
Quantity : 5,120 ROLLS

Physical Properties	Test Method	Result	Unit
Average Thickness	Thickness Gauge	0.020	mm
Ultimate Stretch Percent	BP Testing Method	210	%
Puncture Resistance	BP Testing Method	1.9	kg (At 100% prestretch)
Retention Resistance	BP Testing Method	2.0 (Max)	kg (At 100% prestretch)
Quality Test	BP Testing Method	PASS	Stretch at 100% Continuous run 50 meter
Tensile Strength	ASTM D 882	MD : 40 TD : 31	Mpa
Elongation	ASTM D 882	MD : 520 TD : 800	%

Approved by,

QA Engineer
BP Plastics Sdn Bhd

tel (08) 9365 3000 . fax (08) 9353 3280
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18 Casino Street, Welshpool Western Australia 6106
PO Box 690, Bentley Western Australia 6982

PowerPak Group Pty Ltd (ACN 159 538 539) trading as PowerPak Packaging (ABN 63 159 538 539, ASIC Registration Dated 09/01/2013)

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Date : 13th JUNE 2018
Customer : POWER PAK PACKAGING
Product Description : PLAIN LLDPE CAST STRETCH FILM
Product Group : MINI ROLL
Dimension : 0.020MM X 100MM X 250M
WO - Run (Order) : 245356 - 254019 (87068)
PO NO. : 38162/1
Delivery Number :
Quantity : 980 ROLLS

Physical Properties	Test Method	Result	Unit
Average Thickness	Thickness Gauge	0.020	mm
Ultimate Stretch Percent	BP Testing Method	230	%
Puncture Resistance	BP Testing Method	2.1	kg (At 100% prestretch)
Retention Resistance	BP Testing Method	2.0 (Max)	kg (At 100% prestretch)
Quality Test	BP Testing Method	PASS	Stretch at 100% Continuous run 50 meter
Tensile Strength	ASTM D 882	MD : 45 TD : 32	Mpa
Elongation	ASTM D 882	MD : 540 TD : 820	%

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