

# DULL1-R



Non heat sealable, one side treated, release matt BOPP film.

## Properties

- One side matt finish surface with release properties
- Lower light reflection for easy viewing
- Luxurious feel giving quality image

## Applications

Designed especially as released film for cold seal applications.

PROPERTIES	TEST CONDITIONS		UNITS	TYPICAL VALUES
THICKNESS	.....		μ	20
			Gauge	80
THICKNESS TOLERANCE	.....		%	5
UNIT WEIGHT	ASTM D 2673		g / m <sup>2</sup>	18.1
YIELD	ASTM D 2673		m <sup>2</sup> / kg	55.2
HAZE	ASTM D 1003		%	75 ± 5
GLOSS	ASTM D 2457		%	Glossy side 55 ± 5 Matte side 9.5 ± 1.5
OPTICAL DENSITY	MACBETH		.....	.....
COEFFICIENT OF FRICTION	ASTM D 1894	B/B*	.....	< 0.35
		B/M*		< 0.25
TENSILE STRENGTH	ASTM D 882	MD	N/mm <sup>2</sup>	120 ± 20
		TD		270 ± 50
ELONGATION AT BREAK	ASTM D 882	MD	%	170 ± 30
		TD		45 ± 10
HEAT SEAL TEMPERATURE	3 Bar / 0.5 Sec		°C	.....
SEAL STRENGTH	130°C / 3 Bar / 0.5 Sec		N / 15mm	.....
WVTR	ASTM F 1249 38°C / 90% RH		g / m <sup>2</sup> / day	6.0
TREATMENT LEVEL	ASTM D 2578		dyne / cm	≥ 38
HEAT SHRINKAGE	130°C / 7 min	MD	%	≤ 5.0
		TD		≤ 3.0

\*B : Back side

\*All COF values are dynamic results

\*M : Metal

The above information is the result of laboratory test which are applied on samples from standart production. Since the varying conditions under which our products used are beyond our control, all of the above results are without guarantee and warranty.

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