

# Certificate of Analysis


Test Day : 2015. 04. 30.

Client :	Product : Ultra Guard
Spec :	$\mu\text{m} \times \text{mm} \times \text{mm} \times \text{R/L}$

ITEM	UNIT	40	40D	60	80	Test Method
Haze	%	94	94	96	96	ASTM D 1003
Thickness	$\mu\text{m}$	43	43	63	86	Thickness Gauge (1/1000)
Adhesion	gf/25mm	13	18	9	8	Air Blow(80kPa)
Basis Weight	g/m <sup>2</sup>	38	36	55	73	MW-II
Tensile strength at Break	MD	2136	2191	2197	2195	ASTM D 882
	CD	2092	2027	2083	2112	
Elongation at Break	MD	765	871	909	967	
	CD	926	966	989	998	
Tear strength at Break	MD	1403	1529	1407	1351	ASTM D 1004
	CD	1584	1651	1401	1555	

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