



Product	AL	AT	WTR	tLR	tJ
UHD60	255	235	20	1.0	2.8
UHD80	247	227	20	1.1	2.9
UHD120	248	228	20	1.6	4.6
UHD160	254	234	20	2.4	6.5

* unit = mm

Properties	ASTM Test Method		UHD60		UHD80		UHD120		UHD160	
			MD	TD	MD	TD	MD	TD	MD	TD
• Polymer	-	-	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE
• Minimum Carbon Black	D 4218	%	2	2	2	2	2	2	2	2
• Tensile Strength @ 2% Strain	D 6637/D 792	kN/m	16	23	35	47	35	47	120	160
• Tensile Strength @ 5% Strain	D 6637	kN/m	31	44	65	85	65	85	10	10
• Ultimate Tensile Strength	D 6637	kN/m	60	80	120	160	120	160	10	10
• Strain @ Ultimate Strength	D 6637	%	10	10	10	10	10	10	10	10
• Flexural Rigidity	D 1388	mg-cm	1,400,000	2,300,000	7,700,000	19,000,000	7,700,000	19,000,000	10	10

Durability

• UV Resistance	D 4355	%	98	98	98	98	98	98	98	98
• Oxidation Resistance	EN ISO 13438	%	100	100	100	100	100	100	100	100
• Brittleness	WashDOT T926	-	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

Dimensions

• Roll Width	-	m	1	1	1	1	1	1	1	1
• Roll Length	-	m	75	50	30	30	30	30	30	30
• Roll Weight	-	kg	34	30	26	33	26	33	33	33

MD Denotes Machine Direction.