ANUGRAH KITA

DATA SHEET ENCLOUSURE

Property	Test Method	Minimum Average Values 30 Mil	40 Mil	60 Mil	80 Mil	100 Mil
Thickness, mils	ASTM D 5199					
minimum average		30	40	60	80	100
lowest individual reading		27	36	54	72	90
Sheet Density, g/cc	ASTM D 1505/D 792	0.940	0.940	0.940	0.940	0.940
Tensile Properties [1]	ASTM D 6693					
1. Yield Strength, lb/ in		63	84	126	168	210
2. Break Strength, lb/ in		114	152	228	304	380
3. Yield Elongation, %		12	12	12	12	12
4. Break Elongation, %		700	700	700	700	700
Tear Resistance, lb	ASTM D 1004	21	28	42	56	70
Puncture Resistance, lb	ASTM D 4833	54	72	108	144	180
Stress Crack Resistance [2], hrs	ASTM D 5397 (App.)	300	300	300	300	300
Carbon Black Content [3], %	ASTM D 1603	2.0 - 3.0	2.0 - 3.0	2.0 - 3.0	2.0 - 3.0	2.0 - 3.0
Carbon Black Dispersion [4]	ASTM D 5596			--Note 4--		
Oxidate Induction Time (OIT)						
Standard OIT, minutes	ASTM D 3895	100	100	100	100	100
Oven Aging at 85°C	ASTM D 5721					

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High Pressure OIT (% retained after 90 days)	ASTM D 5885	80	80	80	80	80
UV Resistance [5]	GRI GM11					
High Pressure OIT [6] (% retained after 1600 hrs)	ASTM D 5885	50	50	50	50	50
Seam Properties	ASTM D 6392 (@ 2 in/min)					
1. Shear Strength, lb/ in		57	80	120	160	200
2. Peel Strength, lb/ in - Hot Wedge		45	60	91	121	151
- Extrusion Fillet		39	52	78	104	130