sere transilvania

DelaFlex physical and thermal properties

DELAFLEX®

Nominal Thickness (mm)		0,60	0,75	1,0
Thickness Tolerance (%)	Maximum -/+	10	10	10
Carbon Black Content (%)		2,5	2,5	2,5
Density (g/cm³)	ASTM D1505	0,908	0,908	0,908
Melt Flow Index (g/10min,230°C)	ASTM D1238	0,80	0,80	0,80
Tensile Strength at Yield (N/mm²) - Machine Direction - Transversal Direction	ASTM D6381V Modification NSF-54/91	 4,8 3,6	 4,8 3,6	 5,0 4,0
Tensile Strength at Break (N/mm²) - Machine Direction - Transversal Direction	ASTM D6381V Modification NSF-54/91	 22,8 19,8	 22,8 19,8	 21,0 19,0
Elongation at Yield (%) - Machine Direction - Transversal Direction	ASTM D6381V Modification NSF-54/91	 10 11	 10 11	 12 12
Elongation at Break (%) - Machine Direction - Transversal Direction	ASTM D6381V Modification NSF-54/91	 960% 990%	 960% 990%	 960% 990%
Modulus of Elasticity (N/mm²) - Machine Direction - Transversal Direction	ASTM D882	 140 88	 140 88	 140 88
Puncture Resistance (N)	FTMS101/2065	195	255	200
Tear Resistance (N) - Machine Direction - Transversal Direction	ASTM D1004C	 58 59	 70 70	 70 70
Stress Crack Resistance (hrs)	ASTM D1693	>1500	>1500	>1500
Oxidative Induction Time (min)	ASTM D3895	> 2000	> 100	> 100

Tested at continuous water temperature 65*+ degrees!

Our products are produced according to the relative regulations of ISO 9001.
Optical and mechanical properties in this document are measured values of randomly selected production samples and are therefore not a guaranteed specification.

WHERE CAN YOU FIND US?

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