

Σ *Sigma Stretch Film*

of Sigma Plastics Group
Lyndhurst, New Jersey
Telephone: (201) 507-9100

General Product and Specification Information Select Cast Machine Film

Properties	Units	ASTM Test Method	Typical Values		
			60 ga.	70 ga.	80 ga.
Tensile @ Break MD	psi	D-882	6,800	6,900	6,900
Tensile @ Break TD	psi	D-882	4,100	4,000	4,000
Tensile @ Yield MD	psi	D-882	1,250	1,250	1,300
Tensile @Yield TD	psi	D-882	1,200	1,200	1,200
Elongation MD	%	D-882	390	420	480
Elongation TD	%	D-882	610	620	620
Puncture Force	lbs	D-4649 A5	9.5	9.5	10.0
Puncture Energy	in-lbs	D-4649 A5	18.0	21.0	23.0
Puncture Energy/Thickness	in-lbs/mil	D-4649 A5	30.0	30.0	28.8
Elmendorf Tear MD	g/mil	D-1922	350	340	330
Elmendorf Tear TD	g/mil	D-1922	630	550	540
Film Yield	in ² /lb		50,020	42,880	37,510

Manufactured with pride in the USA By
Sigma Stretch Film Corp.

Bldg. #5, Page & Schuyler Aves., Lyndhurst, NJ 07071
Phone: 800-672-9727 · 201-507-9100 · Fax: 201-507-0447

Email: Sigma.stretch@sigmaplastics.com

Visit our website at www.sigmastretchfilm.com

©Copyright 2001 MSC Marketing & Technology, Inc.