



Solvay Halar® ECTFE Coatings

Typical Properties			
Property	Test Method	Units	Halar® Melt Processable
Melting point, min.	ASTM D3418	°C	242
Specific gravity	ASTM D792	°C	1.68
Water absorption, 24h @ 23°C	ASTM D570	%	<0.1
Tensile stress at yield @ 23°C	ASTM D638 50mm/mm	Mpa	30-32
Tensile stress at break @ 23°C	ASTM D638 50mm/mm	Mpa	50-55
Modulus	ASTM D790 2.5mm/mm	Mpa	1,600-1,800
IZOD impact notched V 10 mm @ 23°C	ASTM D256	J/m	no break
Abrasion resistance	TABER CS 17/0.5 kg		5
Friction coefficient	ASTM D1894	mg/1,000 rev	0.1-0.2
Hardness	D2240	Shore D	50-65
Volume resistivity	ASTM D257	Ω.cm	>1-1016
Linear thermal expansion coefficient	ASTM D696	10-6/K	