

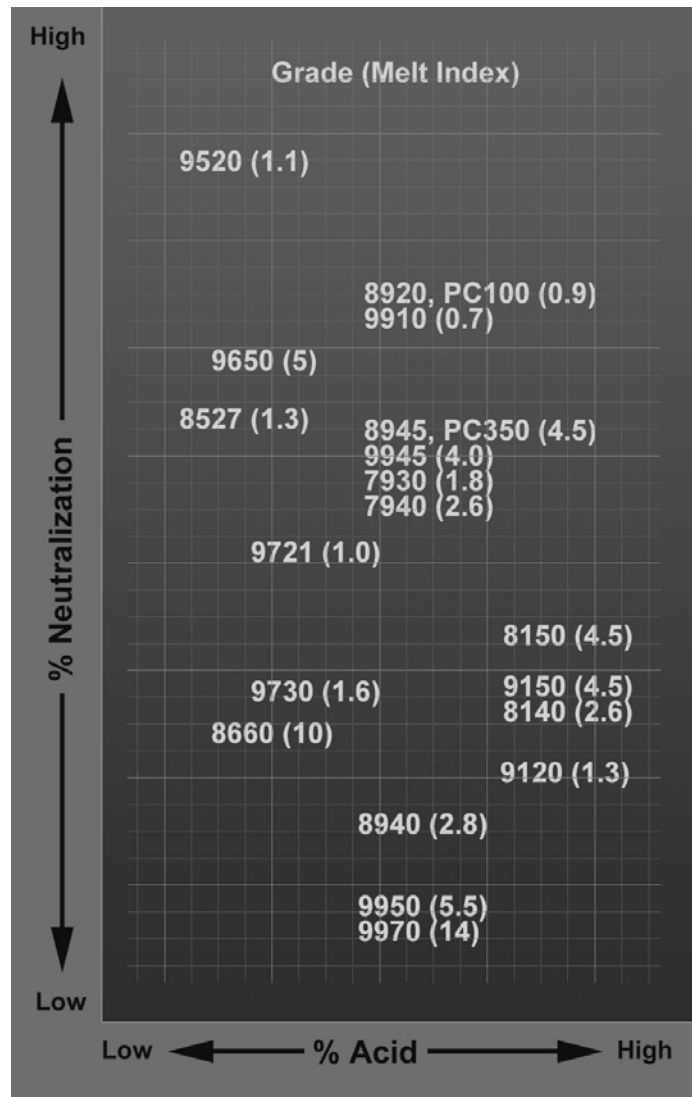
DuPont™ Surlyn®

RESINS

Properties Grid for Selected Industrial Grades of Surlyn®

Surlyn® Industrial Resins Property Grid (Grade Positioning Chart and Properties Guide)

As Neutralization Increases		As % Acid Increases	
<i>Increases:</i>	<i>Decreases:</i>	<i>Increases:</i>	<i>Decreases:</i>
<ul style="list-style-type: none"> Yield point Tensile strength Stiffness Hardness Abrasion resistance Yellowness Moisture uptake 	<ul style="list-style-type: none"> Adhesion Haze Freeze point Tear strength 	<ul style="list-style-type: none"> Yield point Tensile strength Stiffness Tensile impact Tear strength Hardness Stress crack resistance 	<ul style="list-style-type: none"> % Elongation Freeze point Haze
Zinc grades (9xxx Series)	Sodium grades (8xxx Series)	Lithium grades (7xxx Series)	
<ul style="list-style-type: none"> Better flow Higher impact strength Lower moisture uptake Better tear strength Better paint adhesion 	<ul style="list-style-type: none"> Lower haze Higher stress crack resistance 	<ul style="list-style-type: none"> Harder Stiffer Intermediate between Sodium and Zinc grades on moisture uptake 	



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Doc. Ref. SUR050920_1, v.1 (9/05)*



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