

# PRIMEX

## PLASTICS CORPORATION

A subsidiary of ICC Industries Inc.



Prime HMWPE 1000 SR is a co-extruded product consisting of a cap layer on both sides of the sheet to provide a skid resistant surface.



## Prime HMWPE 1000 SR

Prime HMWPE 1000 SR	Very High	Avg.
Impact Strength	*	
Low Temperature Impact Strength	*	
Tensile Strength		*
Flexural Modulus		*
Heat Deflection Temperature		*

### Applications:

Prime HMWPE 1000 SR is designed for pallets, dunnage trays, truck bed liners or any other parts that require a high COF.

### Finishing:

Cutting and machining of this product may be done by sawing, drilling, grinding, sanding, punching, die cutting and routing. The material may be bonded with mechanical fasteners and sonic welding.

Property	Test Method	Value	Unit
Melt Flow	D1238-89	12 HLMI	g/10min
Specific Gravity	D1505-85	.946	
Coefficient of Friction	D3028	.44	
Notched Izod @ 73°F	D256 A	5.0	ft-lb/in
Tensile @ Yield	D638-89	3,000	psi
Flexural Modulus	D790-86	170,000	psi
ESCR Condition A,F 50	D696-79	>600	hrs.
Vicat Softening Point	D1525-82	240	°F
HDT @ 66 psi	D648-82	140	°F
CLTE	D696-79	7x10 <sup>-5</sup>	in/in/°F
Melting Point		266	°F

### Processing:

Prime HMWPE 1000 SR is extruded and thermoformed using the same conditions as HMWPE. However, an A-B-A feed block is required for extruding the 3-layer sheet.

### Colors, Textures and Capabilities:

Prime HMWPE SR can be color matched to meet your specific requirements. Available textures include H/C, Levant II, Seville, RM and Levant III. This product is offered in .100 to .400 in. total thickness and up to 160" wide.