

## HDPE (High Density Polyethylene)

HDPE is a high impact resistant material suitable for tabletops, shelves, walls and space dividers.

### Part numbers

ST-PN-001-0003  
 ST-PN-001-0004  
 ST-PN-001-0005  
 ST-PN-001-0006  
 ST-PN-001-0007

### Finish

Gloss (no protective film)

### Colors Available

White



Black



### Material Specifications

		Test Method	Specifications	
THERMAL	Thermal conductivity at 23°C (73°F)		W/(K.m)	
	Average Coefficient of linear thermal expansion	11359-2	µm/(m.K)	1.80E-04
MECHANICAL	Tensile strength		MPa	23
	Tensile strain (elongation) at yield		%	9
	Tensile modulus of elasticity	527	MPa	1100
	Impact Strength	179	kJ/m <sup>2</sup>	No Break
	Charpy impact strength - Notched	179	kJ/m <sup>2</sup>	16
	Ball Indentation Hardness	2039-1	MPa	43
	Shore hardness D	868		65
OTHER	Density	1183	g/cm <sup>3</sup>	0.96