

DATA SHEET

POLYETHYLENE PAVING CHAIR

2 ¼" Round Base Paving Chair

3 ¼" Round Base Paving Chair

4 ¼" Round Base Paving Chair



PROPERTY	ASTM TEST METHOD	TYPICAL VALUES	
		English Units	SI Units
Density	D4883	--	0.953 g/cc
Melt Index ¹	D1238	--	6.5 g/10 min
Tensile Strength @ Yield (2 in/min)	D638	3900 psi	26.9 MPa
Elongation @ Break (2 in/min)	D638	800%	800%
Flexural Modulus	D790	204,000 psi	1,406 Mpa
Notched Izod Impact Strength	D256	0.79 lbf/in	4.22 kl/m ²
Hardness (Shore D)	D2240	65	65
Vicat Softening Point	D1525	259°F	126°C
Brittleness Temperature	D746	< -105°F	< -76°C
Deflection Temperature @ 66 psi	D648	178°F	81°C
ESCR ³	D1693	6.5 hrs	6.5 hrs

¹190° C/2160 g

²Tangent-Method 1

³Condition B, 10% F50