

HD53-25CP High Density Polyethylene

SureSpec HD53-25CP High Density Polyethylene was developed for corrugated pipe. It has excellent impact strength and toughness suitable for small and large diameter pipe. **HD53-25CP** meets requirements of AASHTO M294 (ASTM D3350 - cell class 435400C) and is 3rd party certified by an NTPEP-approved laboratory.

PROPERTIES	ASTM	UNIT	NOMINAL VALUES
PHYSICAL			
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	0.25
Density	D792	g/cm ³	0.953
MECHANICAL			
Flexural Modulus (2% Secant)	D790	psi	>110k
Tensile Strength @ Yield ²	D638	psi	>3k
Notched Constant Ligament Stress	F2136	hours	>24

