



THERMOPLASTIC POWDER COATING

SPECIFICATION & CERTIFICATE OF COMPLIANCE

The CCI Model CSC casing spacers are coated with a high flow, functionalized polyethylene copolymer-based thermoplastic powder coating designed for low temperature applications. It wets and flows quickly allowing minimal heat history to ensure base metal strength is not compromised. The thermoplastic powder coating provides superior impact resistance and excellent UV protection. Typical thickness applied to casing spacers is 10-15 mils standard.

PHYSICAL PROPERTIES

Properties	Testing Method	Results
Adhesion	ASTM D4541	>1,000 psi
Hardness (Shore D)	ASTM D2240	53
Impact Resistance	ASTM B2794	>384 in./lbs.
Tensile Strength	ASTM D638	1931 psi
Elongation %	ASTM D638	207%
Taber Abrasion	ASTM D4060	66 (mg loss, CS 17 wheel)
Mandrel Bend	ASTM D522	1/8 inch, no crack (>32%)
Melt Index	ASTM D1238	207
Salt Spray Resistance	ASTM B117	No significant undercut or creeping after 3,000 hrs.
QUV	ASTM G53	No significant change in color/gloss after 2,000 hrs.
Humidity & UV Resistance	ASTM D2247	No blistering after 1,000 hours
Gloss	ASTM D523	70

CCI Piping Systems certifies that the standard Model CSC Casing Spacers are of the highest quality and meet or exceed industry standards.

CCI PIPING SYSTEMS, LLC

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