



Technical Data Sheet

MATERIAL:	Poly(ethylene-co-chlorotrifluoroethylene)
CATALOG NUMBER:	648
CAS NUMBER:	25101-45-5
DESCRIPTION:	1:1 alternating copolymer of ethylene and chlorotrifluoroethylene
FORMULA:	$(C_2H_4 \cdot C_2ClF_3)_x$

TYPICAL PROPERTIES:

Appearance:	Powder
Density:	1.65
Intrinsic viscosity:	0.49
Melting point:	240°C
Flash point:	>490°F
Crystallinity:	47%
Solubility:	2,5-Dichlorobenzotrifluoride (160°C)

GENERAL INFORMATION:

Ethylene/chlorotrifluoroethylene copolymers exhibit excellent process ability, thermal properties, chemical resistance, electrical properties and toughness and strength. They have found application in a wide variety of fields including wire and cable insulation, linings for tanks, pumps, valves and pumps and sterilizable packaging.

STRUCTURE: