

3M 1688-1 Tape data sheet

Polyester Film Tape with Electrical Insulation Grade Acrylic Pressure-Sensitive Adhesive

Product Description

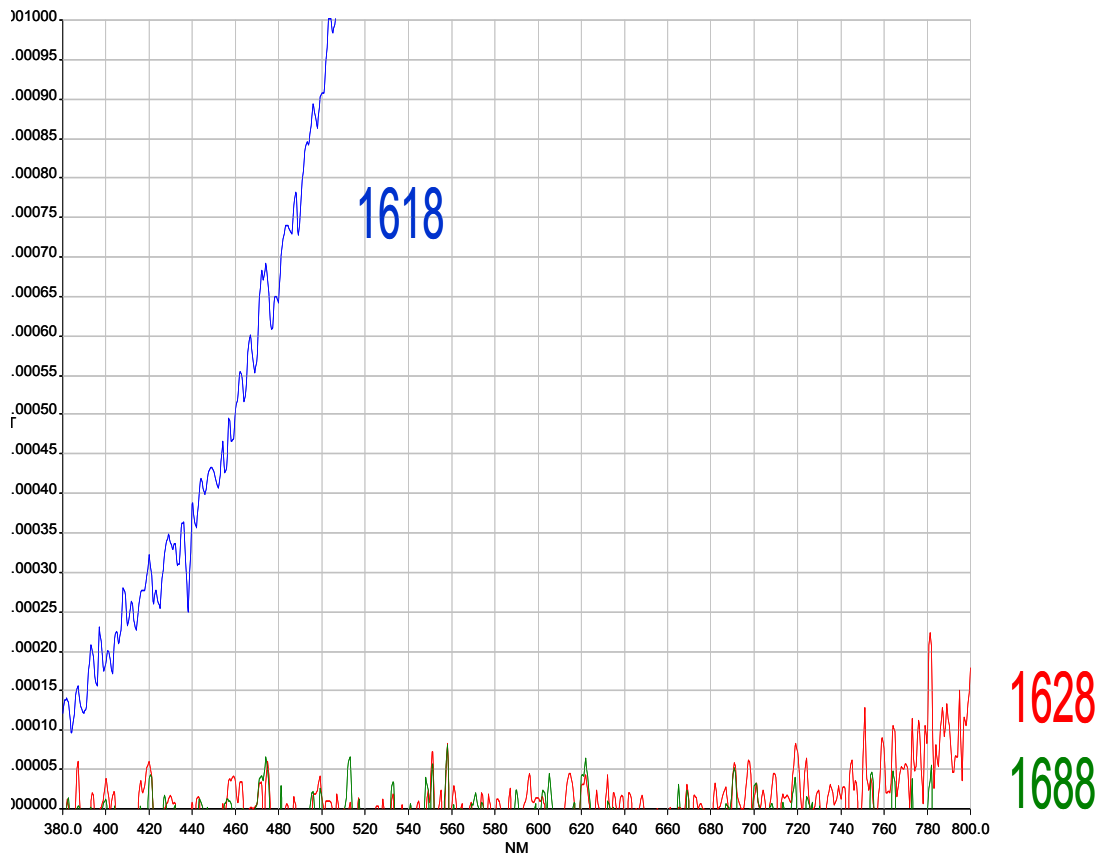
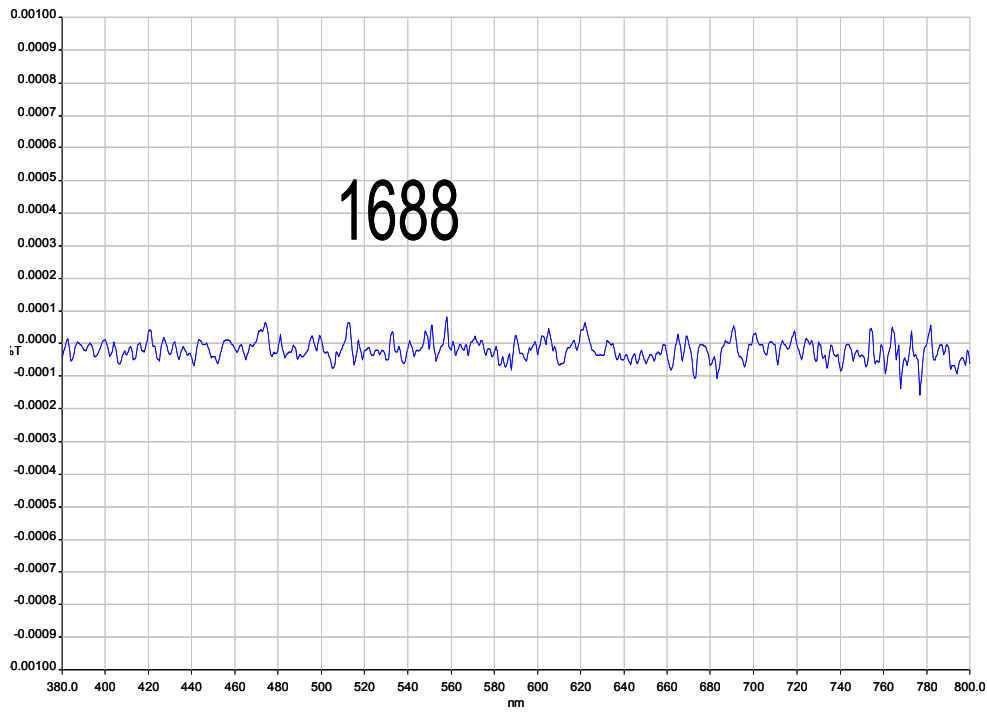
3M™ 1688-1 tape is an electrical insulating polyester film tape and meets non-halogen requirement. It offers excellent light shielding, proper adhesion level to be suitable for use on automated equipment.

- Bromide content<900ppm; Total halogen content<1500ppm
- Solvent resistant without thermosetting
- Electrical insulating
- Non-corrosive
- Excellent light shielding
- Excellent shelf life

Typical Properties

Adhesive	Black color electrical grade acrylic
Backing	1 mil polyester film
Total Thickness	2.4 mils / 0.060 mm
Dielectric Breakdown (Min/Normal)	5000/7500 Volts
Insulation Resistance @ 23 C & 96% RH, 96 hrs	>1.0 x 10 E+12 ohms
Breaking Strength	25 lbs. / in (44N/10mm)
Elongation (% at break)	100
Adhesion to Steel (Min/Normal)	0.6/0.71 (kg/in)
Adhesion to Steel (Aged)	1.0 kg/in

Transmittance: T%



Note: Typical properties are not recommended for specification purposes. Product specifications will be provided upon request.