



FPC 654

TYPICAL POLYMER PROPERTIES*

FPC 654

FPC 654 is a high molecular weight PVC general purpose dispersion resin. It has found wide acceptance in such diverse applications as strand coating, dip coating, slush molding, rotational casting (molding), sealants, and organosols.

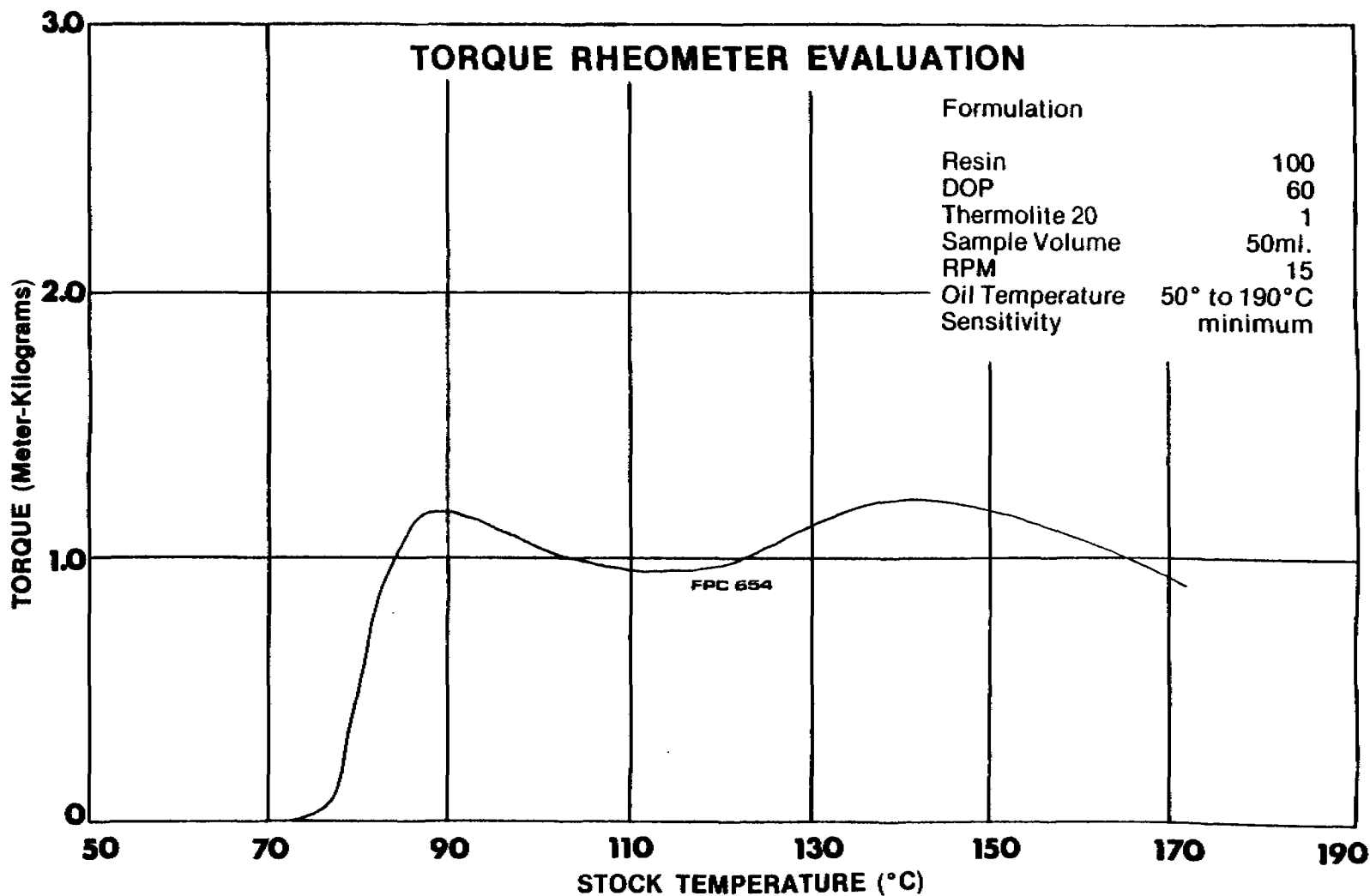
FPC 654 combines the many desirable properties for these applications into one resin. It also has exceptional air release characteristics.

FPC 654 is well defined in FDA Regulations 121-2514, 121-2520, 1212526, 121-2571, 121-2550. It is understood, however, that the formulator must satisfy himself that his final formulation meets the regulative requirements of the Food and Drug Administration.

Hot Melt Viscosity, M-Kg @ 10 Minutes (Firestone Control Test C-157a)	0.85 (174°C)
Specific Gravity	1.4
Brookfield Viscosity Range ** (Firestone Control Test C-15e)	30-60
Extrusion Rheometer Viscosity Range ** 10 to 80 psig, poises (Firestone Control Test C-66b)	60-120
Ultimate Tensile Strength, psi (ASTM D-412), when fused at	
120°C. (248°F.)	450
150°C. (302°F.)	850
180°C. (356°F.)	2100
210°C. (410°F.)	2400
Volume Resistivity, ohm-cm x 10 ⁸ @ Room Temperature	76
@ 60°C. (ASTM D-257-66)	35
ASTM Classification (ASTM D-1755-66)	D6-33

* These values are not to be considered specifications.

** Special Rheological properties are available for specific applications.



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