

STYROLUX[®]

4G60

A new generation of drip chamber material



EXCELLENT BALANCE OF TRANSPARENCY AND DUCTILITY

Property, Test Condition	Standard	Units	Values
RHEOLOGICAL PROPERTIES			
Melt Volume Rate, 200 °C/5 kg	ISO 1133	cm ³ /10 min	15
Vicat Softening Temperature, VST/A/120 (10N/120 °C/h)	ISO 306	°C	70
Shore A Hardness, annealed	ISO 868	–	97
Tensile Strain at Break	ISO 527-1/-2	%	>200

Styrolux 4G60 has been specifically designed for the development of drip chambers in IV sets. This new grade represents the first solution of the fourth generation of advanced copolymer materials. It excels in softness, elasticity and transparency. Very good bonding properties make this new grade an excellent fit for the production of drip chambers.

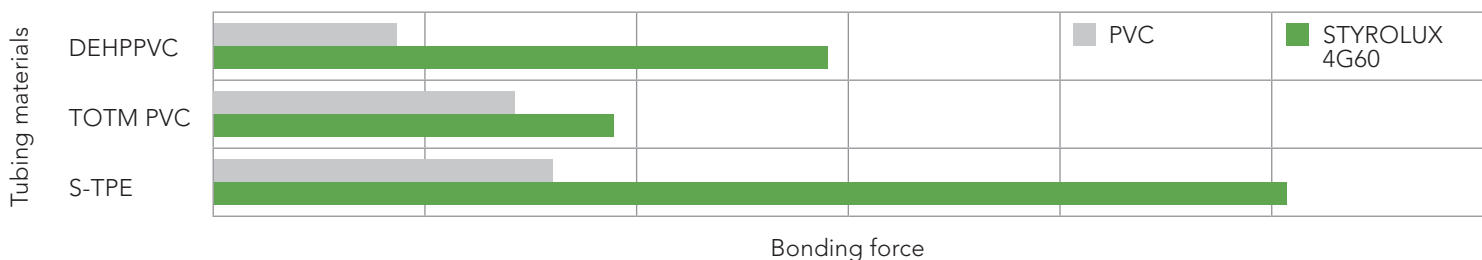
Together with our customers INEOS Styrolution developed a medical drip chamber made of Styrolux 4G60. It is available with „Essential HD Package“ including an up to 12 months notification of change (NOC) with a signed long-term supply contract.

VALUE PROPOSITION

- Good bonding properties
- Softness
- Transparency
- Ductile and impact resistant
- Resistant to common sterilization methods (Gamma-radiation, E-beam, NO₂, or EtO)
- Essential HD package

BONDING FORCE OF DRIP CHAMBER MATERIALS BY APPLYING SOLVENTS

BONDING FORCE ETHYL ACETATE



BONDING FORCE MEK (METHYLETHERKETONE)

