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Typical Product Specifications & Properties

Acrylic Acid

CAS Number: : 79-10-7

Specifications	Limits
Density	1.052 (2020 c)
Water	0.2% Max.
Inhibitor (MEHQ)	200 (+/- 20)
Dropping Point	141.3
@ 140°C	756
Acidity as Acrylic Acid (wt %) —	————
Heat Of Polymerization	18.5
@ 100°C	174
Color	20 Max. (APHA)
Freezing Point (°C)	13.2
Dimer Acid	1.0% Max.
Specific Heat (Kcal/kg °C)	0.5



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Specifications	Limits
Specific gravity	1.047 - 1.057 (@20C)
Viscosity (cS @ 25°C)	1.153
Purity	99.5% Min
Molecular Weight (theoretical)	72
Uel (Vol %)	—
Refraction Index @ 20&DEGc	1.4224
Lel (VOL %)	—
@ 60°C	30
@ 80°C	75
Latent Heat (Kcal/kg °C)	10.8
Refractive Index	1.4224 (20 c)
Odor	acid odor



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Specifications	Limits
Melting Point	12.1 c
Molecular weight	72.07
Flash Point	(oc) 54.5 c
Boiling Point	140.9 c

Specifications	Limits
Chemical Structure	



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