

Item Number	P4530
Item	Polysorbate 80
CAS Number	9005-65-6
Molecular Formula	
Molecular Weight	
MDL Number	
Synonyms	Tween® 80 ; Polyoxyethylene (20) Sorbitan Monooleate

Test	Specification	
	Min	Max
APPEARANCE		
COMPOSITION OF FATTY ACIDS:		
MYRISTIC ACID		5.0 %
PALMITIC ACID		16.0 %
PALMITOLEIC ACID		8.0 %
STEARIC ACID		6.0 %
OLEIC ACID	58.0 %	
LINOLEIC ACID		18.0 %
LINOLENIC ACID		4.0 %
HYDROXYL VALUE	65	80
SAPONIFICATION VALUE	45	55
SPECIFIC GRAVITY @ 25°C	1.06	1.09
VISCOSITY @ 25°C	300	500 cSt
ACID VALUE		2.0
DIOXANE		10 ppm
ETHYLENE OXIDE		1 ppm
PEROXIDE VALUE		10
RESIDUE ON IGNITION		0.25 %
WATER DETERMINATION		3.0 %
ELEMENTAL IMPURITIES:	AS REPORTED	
IDENTIFICATION A	FATTY ACID COMPOSITION MEETS REQUIREMENTS	
IDENTIFICATION B	SPECT MATCH REF	
EXPIRATION DATE		
DATE OF MANUFACTURE		

Test	Specification	
	Min	Max
RESIDUAL SOLVENTS	AS REPORTED	

Spectrum Chemical Mfg Corp

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