

ASTM REFERENCE OIL

(IRM 901, IRM 902, IRM 903)

To develop Oil Resistant Rubber Component Rubber Testing Oils (ASTM 1,2 & 3) are required. By making use of these oils Rubber Component can assure about its Resistance to various Solvents and Oils. The Rubber products are Immersed in these Oils for a Specified time and at a Specified Temperature and then tests for Tensile Strength, Hardness, present Elongation at Break, and present volume swell are conducted. ASTM Standard D471 Defines various Standards for these tests.

We offer ASTM Testing Oils to our Customers at the most affordable prices as per industry standards

Specification:

Test Description		Method (ASTM)	IRM 901	IRM 902	IRM 903
Gravity, API		D287	28.8±1	19.0~21.0	21.0~23.0
Aniline Point	°C	D611	124±1	93±3	70±1
	(°F)		(255±2)	(199±5)	(158±2)
Viscosity	@38°C (100°F)	D445	-	-	31.9~34.1
	@99°C (210°F)		18.7~21.0	19.2~21.5	-
V.G.C		D2140	0.790~0.805	0.860~0.870	0.875~0.885
Flash Point	°C	D92	243 min	232 min	163 min
	(°F)		(469)	(450)	(325)
Carbon Type	Cn%	D2140	27 avg	35 min	40 min
	Cp%		65 min	50 max	45 max

Also available Paraffinic oil Sunpar® 2280 from ready stock in 200 Liter drums and 25 Liter cans.

