

## PolyFox™ Fluorosurfactant for Solvent Systems - Typical Physical Properties <sup>1</sup>

Property	PF-636	PF-6320	PF-656	PF-6520	PF-651	PF-652
Polymer Type	Diol	Diol	Diol	Diol	Ethoxylated A-B diblock copolymer	Ethoxylated A-B-A triblock copolymer
Fluorinated side chain	- CF <sub>3</sub>	- CF <sub>3</sub>	- C <sub>2</sub> F <sub>5</sub>	- C <sub>2</sub> F <sub>5</sub>	- C <sub>2</sub> F <sub>5</sub>	- C <sub>2</sub> F <sub>5</sub>
DP <sup>2</sup>	6	20	6	20	10	10
wt% polymer	100	100	100	100	50	50
wt% 2-propanol	0	0	0	0	50	50
pH	6.0	6.0	6.5	7.0	6.5 – 7.0	6.5 – 7.0
MW (approx.)	1150	3300	1425	4700	2975	3425
Refractive Index	1.405	1.419	1.387	1.381	1.465	1.465
Specific Gravity (lbs/gal)	10.0	10.2	10.6	10.9	8.1	8.1
Viscosity @ 77°F (cps)	2300	5500	1800	6900	40	100
Surface Tension (dyne/cm) <sup>3</sup>	35.5	29.2	30.1	28.0	28	29

Notes:

- <sup>1</sup> Not actual product specifications
- <sup>2</sup> Degree of Polymerization
- <sup>3</sup> 1000 ppm (wt) active material in N-methylpyrrolidinone

NOTE:

Although the data supplied above is believed to be accurate, each user is advised to make an independent determination as to whether the described product(s) is/are appropriate for a particular use or application, whether such a use will comply with all applicable laws or regulations, or whether such use will infringe the intellectual property rights of third parties.



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June 2011