



MEDİ CHEM YAPI KİMYASALLARI SANAYİ VE TİCARET A.Ş.

TECHNICAL DATA SHEET

Chemical name : Medi WR Polycarboxylate Superplasticizer

Medi WR is Polycarboxylate ether (PCE) that has high water reducing and slump retention in concrete

- Improve the strength concrete through high water reducing
- Reduce slump loss and improve workability.
- Superior stability of a concrete mixture (minimum bleeding and segregation)

HOMOGENEITY DATA

ITEM	VALUE	ITEM	VALUE
Appearance	Colorless Or Light Yellow Transparent Liquid	PH Value	5 . 0 ± 1
Chloride Content	≤0.6%	Density	1.0 8 ± 0.02g/ml
Alkali Content	≤5.0%	Solid Content	50± 0.5%

PARAMETERS & ACCEPTANCE CRITERIA

		Standard	Test Result
Water reduction rate % not less than (≥)		25	38
Pressure bleeding rate% Not more than (≤)		60	42
Air content % not more than (≤)		6.0	2.9
Setting time difference of concre (mim)	Initial	-90~+120	+30
	Finial		+60
Ratio of compressive strength % not less than (≥)	1d	170	182
	3d	160	173
	7d	150	165
	28d	140	158
Shrinkage ratio % not less than (≤)	28d	110	101
Corrosion to rebar		Yes or No	No