

# ***BORAN NEW MATERIAL***

## Cross reference Chart for Boran ZW HEC ( Hydroxyethyl Cellulose )

Viscosity Ranges ,  
mPa.sBrookfield 2%  
solution 20 °C

### Hydroxyethyl Cellulose

Boran ZW HEC 300B	250-650mPa.s	Cellosize ER 300	Natrosol 250GBR	Tylose HS 300	Bermocoll E230FQ
Boran ZW HEC 4000B	1800-2500mPa.s		Natrosol 250KBR		Bermocoll E320 FQ
Boran ZW HEC 10000B	4500-6500mPa.s	Cellosize ER4400H	Natrosol 250MBR	Tylose HS 4000	Bermocoll E351 FQ
Boran ZW HEC 15000B	7000-9000mPa.s			Tylose HS 10000	
Boran ZW HEC 20000B	9000-14000mPa.s	Cellosize ER15000H	Natrosol 250MHBR	Tylose HS 15000	Bermocoll E411 FQ
Boran ZW HEC 30000B	15000-25000mPa.s	Cellosize ER30000H	Natrosol 250HBR	Tylose HS 30000	Bermocoll E431 FQ
Boran ZW HEC 50000B	25000-30000mPa.s	Cellosize ER52000H	Natrosol 250H4BR	Tylose HS 60000	Bermocoll E451 FQ
Boran ZW HEC 100HB	45000-58000mPa.s	Cellosize ER100MH	Natrosol 250HHBR	Tylose HS 100000	Bermocoll E481 FQ

Boran has various modified Hydroxyethyl Cellulose ether available : Biostable , Granular type