



# RHEOLON®

## CARBOXYMETHYL CELLULOSE

*“industrial grade”*

### Purified CMC



**UGUR SELÜLOZ KİMYA A.Ş.**

*“viscosity solutions...”*

### Typical Chemical Properties of RHEOLON® CMC

Carboxymethyl Cellulose (dry basis)	min. 98%
Moisture (as packed)	max 10%
Degree of Substitution (DS)	0.60 – 0.85
pH (1% solution)	6.5 – 8.5
Bulk Density (g/L)	500 – 900

### Standard Grades of RHEOLON® CMC

recommended for Industrial Applications

<i>Product Names</i>	<i>Viscosity Range*</i>	<i>Concentration, %</i>
RHEOLON® 5	20 - 50	4
RHEOLON® 10	50 - 200	4
RHEOLON® 30	200 - 500	4
RHEOLON® 100	50 - 150	2
RHEOLON® 300	150 - 400	2
RHEOLON® 500	400 - 900	2
RHEOLON® 1000	900 - 2500	2
RHEOLON® 4000	300 - 600	1
RHEOLON® 7000	600 - 900	1
RHEOLON® 10000	900 - 1200	1
RHEOLON® 20000	1200 - 3000	1
RHEOLON® 40000	3000 - 4500	1
RHEOLON® 50000	min 4500	1

\* in cPs at 25° C, measured with Brookfield LVT on dry products

→ Specific grades available upon request.

**RHEOLON® CMC particle size**

Available in three different particle size distribution, RHEOLON® CMC comes in **Granular (G)**, **Powder (N)** and **Fine Powder (P)**. Specific particle size distribution available upon request.

Particle Size Distribution					
RHEOLON® CMC 'G'		RHEOLON® CMC 'N'		RHEOLON® CMC 'P'	
P > 1.4 mm	max. 3%	P > 1 mm	max. 2%	P > 0.5 mm	max. 1%
P < 0.075 mm	max. 15%	P < 0.075 mm	max. 50%		

**Environment**

RHEOLON® CMC is inherently biodegradable and non-toxic.

**Handling and Storage**

Dusting and spills on wet surfaces should be avoided. Bags should be stored cool and dry indoors. RHEOLON® CMC is not dangerous items for purposes of transport regulations.

**Few RHEOLON® Recommendation by Industry**

	<i>Paper</i>	<i>Textile</i>	<i>Flotation</i>	<i>Ceramics</i>	<i>Coating</i>	<i>Adhesives</i>
RHEOLON® 5	X	X		X		
RHEOLON® 10	X	X		X		
RHEOLON® 30	X	X	X	X		
RHEOLON® 100	X	X	X	X		
RHEOLON® 300	X	X	X	X		
RHEOLON® 500		X	X			X
RHEOLON® 1000				X	X	X
RHEOLON® 4000				X	X	X
RHEOLON® 7000					X	X
RHEOLON® 10000					X	X
RHEOLON® 20000					X	X
RHEOLON® 40000					X	X
RHEOLON® 50000					X	

**Packaging**

RHEOLON® CMC is packed in net 25kgs 3ply Kraft Paper Bags. Available 40 or 50 bag pallets. The product is also available in Big Bags.