

N-HANCE[®]
guar derivative selection guide

Grade	Substitution		Viscosity (1% solution in water, Brookfield RVT 20 rpm, mPa.s)	Self- Hydrating	Primary Function
	Type	Level			
N-Hance 3000	cationic	low	2400 – 3200 ⁽¹⁾	no	conditioner, thickener
N-Hance 3196	cationic	medium	4000 – 5000	no	conditioner, thickener
N-Hance 3205	cationic	medium	3000 – 4000	yes	conditioner, thickener
N-Hance 3215	cationic	high	3200 – 4200	no	conditioner, thickener
N-Hance HP40S	hydroxy- propyl	medium	min 3800	yes	thickener, lubricity
N-Hance HP40	hydroxy- propyl	medium	min 4000	no	thickener, lubricity

(1) Brookfield LVT viscosity at 6 rpm

CTFA/INCI NAME

N-Hance 3000 series : Guar hydroxypropyltrimonium chloride

N-Hance HP series : Hydroxypropyl guar

FOR MORE INFORMATION

Additional detailed product information on the N-Hance guar derivative products is available from your Aqualon sales representative.



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