Table 3: Parameters for the Power Law and the Cross models and the extent of shear thinning for Group B

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **SAMPLE** | **MODEL** | **η0** **(mPas)** | **ηꚙ (mPas)** | **K** | **n** | **r** | **RSTI** |
| LACRIFRESH® 0.3% | Power Law |  |  | 0.0909 | 0.7923 | 0.9991 |  |
| LACRIFRESH® 0.3% | Cross | 44.15 | 15.03 | 0.003575 | 1.021 | 0.9999 | 0.6596 |
| I-DROP® PUR | Power Law |  |  | 0.0486 | 0.7831 | 0.9993 |  |
| I-DROP® PUR | Cross | 21.72 | 9.64 | 0.001271 | 1.269 | 0.9983 | 0.5560 |
| HYDRASENSE®  | Power Law |  |  | .0266 | 0.8924 | 0.9977 |  |
| HYDRASENSE® | Cross | 26.79 | 13.91 | NA | NA | 0.9937 | 0.4809 |
| LACRIFRESH® 0.2% | Power Law |  |  | 0.037 | 0.8404 | 0.9996 |  |
| LACRIFRESH® 0.2% | Cross | 17.47 | 10.73 | 0.0001 | 1.545 | 0.9982 | 0.3858 |
| OPTIVE® FUSION | Power Law |  |  | 0.0283 | 0.8694 | 0.9997 |  |
| OPTIVE® FUSION | Cross | 16.9 | 10.21 | 0.0026 | 1.08 | 0.9921 | 0.3959 |
| VisuXL® | Power Law |  |  | 0.005 | 0.9102 | 0.9994 |  |
| VisuXL® | Cross | 3.88 | 2.99 | 0.0023 | 1.423 | 0.9241 | 0.2289 |

η0 = zero shear viscosity, the viscosity at the first, low shear, Newtonian plateau, η∞ = high shear viscosity at the
second, high shear Newtonian plateau. K and n = constants, r = correlation coefficient between the model used
and the measured data. RSTI = Relative Shear Thinning Index; an indication of how much the measured fluid
shear thins compared to its original viscosity [RSTI = (η0 - ηꚙ)/η0].