

# Erratum

## Polymerization of Olefins through Heterogeneous Catalysis—V. Gas-Liquid Mass Transfer Limitations in Liquid Slurry Reactions

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Equation (8) on page 5454 read:

$$k_l a = 9.85 \times 10^{-4} D_I^{0.6} N^{1.2} g^{-0.053} v_l^{-0.45} Q^{0.76} D_T^{-0.72} (F_1 F_2)^{-0.6} \quad (8)$$

It should read:

$$k_l a = 9.85 \times 10^{-4} D_I^{0.6} N^{1.2} g^{-0.053} v_l^{-0.45} Q^{0.36} D_T^{-0.72} (F_1 F_2)^{-0.6} \quad (8)$$

Equation (10) on page 5454 read:

$$a_o = 230 \frac{(P/V)^{0.4} \rho_l^{0.2}}{\sigma_l^{0.6}} v_s^{1/2} \quad (10)$$

It should read:

$$a_o = 0.280 \frac{(P/V)^{0.4} \rho_l^{0.2}}{\sigma_l^{0.6}} v_s^{1/2} \quad (10)$$

Equation (18) on page 5457 read:

$$\frac{P_g}{P_{ug}} = 0.2296 \left( \frac{P_{ug}^2 N D_I^3}{Q^{0.56}} \right)^{0.45} \quad (18)$$

It should read:

$$P_g = 0.2296 \left( \frac{P_{ug}^2 N D_I^3}{Q^{0.56}} \right)^{0.45} \quad (18)$$

Equation 20 on page 5457 read:

$$N_{\text{sus}} = \left[ \left( \frac{D_T}{D_I} \right)^{4/3} d_p^{0.2} \mu_l^{0.1} g^{0.45} (\rho_p - \rho_l) / \rho_l^{0.05} D_I^{0.85} \right] (\phi_w \rho_s)^{0.13} \quad (20)$$

It should read:

$$N_{\text{sus}} = \left[ \left( \frac{D_T}{D_I} \right)^{4/3} d_p^{0.2} \mu_l^{0.1} g^{0.45} \frac{(\rho_p - \rho_l)^{0.45}}{\rho_p^{0.68} D_I^{0.85}} \right] (\phi_w \rho_s)^{0.13} \quad (20)$$



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