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768,931

OXYMETHYLENE POLYMERS

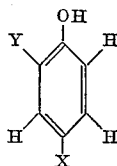
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Class 260—53

No Drawing, 19 Pages Specification

An oxymethylene copolymer containing 80–99.5% molar of oxymethylene units and 0.1 to 20% of units —RO— derived from phenols. Preferred phenols have the formula



wherein X is halogen or nitro and Y is hydrogen, halogen or nitro. The polymers are made by polymerizing at least one mole of a cyclic oligomer of formaldehyde, e.g. trioxane with the corresponding phenol with a catalyst suitable for polymerizing trioxane.