



# Braskem hydrocarbon resin portfolio

## UNILENE® – aromatic resins (C9):

Unilene® aromatic resins		Softening point (°C)	Gardner Color	Acid number (mgKOH/g)
		ASTM D 6493	ASTM D 6166	ASTM D 974
Series A	A-80	75 - 86	max. 7	≤ 0.10
	A-90	87 - 95	max. 7	≤ 0.10
	A-100	96 - 105	max. 6	≤ 0.10
Series B	B-100	95 - 105	max. 6	≤ 0.10
	B-110	106 - 115	max. 6	≤ 0.10
	B-120	116-125	max. 6	≤ 0.10
Series BS	BS-130	126 - 135	max. 5	≤ 0.10
	BS-140	136 - 145	max. 5	≤ 0.10
Series LN naphthalene ≤ 100ppm	A-90 LN	87 - 95	max. 7	≤ 0.10
	A-100 LN	96 - 105	max. 6	≤ 0.10
	B-100 LN	95 - 105	max. 6	≤ 0.10
	B-110 LN	106 - 115	max. 6	≤ 0.10
	B-120 LN	116 - 125	max. 6	≤ 0.10

### T101 – aliphatic resin (C5)\*

T101 – aliphatic resin	Softening point (°C)	Gardner color	Acid number (mgKOH/g)
	ASTM D 6493	ASTM D 6166	ASTM D 974
T101	94 – 102	max. 3	max. 0.10

### XT100 – aromatic modified aliphatic resin (C5/C9)\*

XT100 – aromatic modified aliphatic resin	Softening point (°C)	Gardner color	Acid number (mgKOH/g)
	ASTM D 6493	ASTM D 6166	ASTM D 974
XT100	89 – 96	max. 3	máx. 0.10

### PMR – pure monomer resin\*

PMR – pure monomer resin	Softening point (°C)	Gardner color
	ASTM D 3461	ISO 4630
PMR85	82 – 88	max. 1
PMR100	95 – 105	max. 1

### CNH – hydrogenated aromatic modified cycloaliphatic resin (DCPD/C9 ww)\*

CNH – hydrogenated aromatic modified cycloaliphatic resin	Softening point (°C)	Yellowness index, 50% in toluene (inicial)	Yellowness index, 50% in toluene (175°C/5h)
	ASTM D 3461	ASTM D 5386	ASTM D 5386
CNH100	95 – 105	max. 2	max. 10
CNH120	115 – 125	max. 2	max. 10

### NH – hydrogenated aromatic resin (C9 ww)\*

NH – hydrogenated hydrocarbon resin	Softening point (°C)	Yellowness index, 50% in toluene (inicial)	Yellowness index, 50% in toluene (175°C/5h)
	ASTM D 3461	ASTM D 5386	ASTM D 5386
NH100	95 – 105	max. 1.5	max. 10
NH120	120 – 130	max. 1.5	max. 10

\* Products available only in South America.