

Y zeolites from Eurecat are available across the full range of possibilities:

SiO₂/Al₂O₃	5 to > 100
UCS	2.465 to 2.425
Na₂O	13 to < 0.02 %
Re₂O₃	0 to > 16

Some typical products are shown below. In addition, Eurecat can develop and customize manufacture Y zeolites for your specific application. Zeolite particle size, crystal size, crystal morphology, hydrophobic/hydrophilic character, exchange cation, surface/bulk characteristics and porosity may all be adjusted to your unique requirements.

	<u>NaY</u>	<u>RY-2</u>	<u>RY-8</u>	<u>RY-16</u>	<u>UY-11</u>	<u>UY-21</u>	<u>UY-22</u>	<u>DY-31</u>	<u>DY-32</u>	<u>DY-33</u>
SiO₂/Al₂O₃	5.2	5.2	5.2	5.2	5.2	5.2	10 - 12	10-12	20-24	30-35
UCS (nm)	2.465	2.452	2.460	2.468	2.450	2.450	2.445	2.440	2.435	2.430
Na₂O (wt %)	13	1.5	.8	.4	3.0	.2	.2	.05	.05	.05
Re₂O₃ (wt %)		1.5-2.5	7.5-8.5	> 16						
S.A. (m²/g)	> 700	> 600	> 625	> 625	> 600	> 650	> 650	> 650	> 650	> 650

EURECAT - Zeolites, Molecular Sieves and Custom Catalysts