

## Parameters used in mod\_modifycrust

*Parameters for making a thicker crustal region.*

Parameter	Description	Units
crust_add	Add this many km of thickness to base of crust.	km
crust_epd	Epicentral Distance to center of thickened crustal region.	deg
crust_width	Total width of thickened crustal region.	km
crust_trans	Width of smoothed side regions.	km

Notes:

This module is intended to modify a PREM crustal structure only.

crust\_trans: Uses a simple cosine shape (range  $0, \pi$ ) on edges.

